AECOM Environment

**Appendix C** 

**Field Forms** 

Well/Piezo ID:	
ΛΛ - 🕏	
101-0	

Client: Project Site Loc Weathe	cation:	C	Clean offer			) <u>TH</u>	<u></u>	Time: Sta	01/10/17 art	_ am/pm	
WATER a. Total	<b>LEVEL</b> Well Le	DATA:	(measure	d from To	op of Casing) asing Materia	1 Puc	Well ⊠ e. Lengtl	of Water (	Piezomet	er [] 8.25 (	 a-b)
b. Wate	HIBCIN	C DATA	16.47	_		ter Z	f. Calcula 1" - 0.043	ated Well V	olume (gallo	ne) 3.12	
	b. Acco - Min - Ma: - Sta	eptance iimum R ximum A bilization	Criteria de Required Pu Allowable T n of param	efined (from urge Volun urbidity eters	n worknlan)	_well volume _NTUs _%					_
			g Equipme g Equipme		Make	Model	n Field Note	Serial Nur		-	
Time 1235	Vol	ume ed (gal)			Spec. Cond (mS/cm)	DO %	DO (mg/l)	ORP (mV)	Color		Other
1240			60.11	6.28		15.2	1.10	8.811	Yellow th		
1245			59.95		3449	12.2	1,27	118.4			+
7230			59.50	6.30	3428	13.7	1.43	11811	V		1
							-				
		202									<u> </u>
8	e. Acce	ptance	criteria pas	s/fail	Yes	No	N/A		N	INA	
	Has	required	l volume be	en remov	red 🗵			NO <sub>3</sub>			Dilution
	Has	required	turbidity b	een reach	ed 🔲		$\boxtimes$	Mn		mg/l	-
			eters stabil				X	SO <sub>4</sub>		mg/l mg/l	
	11	no or N	I/A - Explai	n below.				Fe		mg/l	<b>†</b>
SAMPLE				Method: _							-
Sample	e ID	Contair	ner Type		Containers	Preservation		Analysis	T	Time	Date
M-8-7	MAO	110		C	0	Hel None	14 Die		مدح	1250	01/10
									-		
comments		-		,							
ignature _	72	ek	1				Date <u>O</u> 1	10/17	7		

Well/Pie	zo ID:	
	MW-8B	

Client: Project No: Site Location: Weather Conds:	Coffey 50°			TH		Time: Sta	artp	_ am/pm _ am/pm	
	pth 14.14  DATA  Method (perista	c. C d. C	asing Materia asing Diamet pump, etc.)_	er <u>4''</u>	f. Calcula 1" - 0.043	ated Well Vo	olume (gallo 4" - 0.652	7.96	
- Minimi - Maxim - Stabiliz	ance Criteria de um Required Pu um Allowable T zation of param	urge Volum urbidity eters	n workplan) ne (@	_ well volume _NTUs _%	s)35	5.13		-	
c. Field Te	esting Equipmer	nt Used:	Make	Model		Serial Nun	nber	2	
d. Field T	esting Equipme	nt Calibrat			n Field Note	book#	Page	#	
Time Removed	(gal) T° (C/F)	7.25	Spec. Cond (mS/cm)	DO %	DO (mg/l)	ORP (mV) 53.4	Color	Odor	Other
1820 23.4			16.76	139	1.27	-31-4	Cleer		
1840 35.1		6.83	1727	10.0	.99	-103.2	clear		
	(60.1)	6.57	(714	₹.62	.73	-107.0	cuer		-
									+
					1				
e. Accepta	nce criteria pas	s/fail	Yes	No	N/A			INA	Dilution
Has req	uired volume be	en remov	ed 🗵			NO <sub>3</sub>		mg/l	Dilution
Has req	uired turbidity b	een reach	ed 🔲		$\boxtimes$	Mn		mg/l	
	rameters stabil					SO <sub>4</sub>		mg/l	<del> </del>
II no	or N/A - Explain	n below.			İ	Fe		mg/l	
					-				
SAMPLE COLLECT		Method:	Cireck	- Valv	و				_
	ntainer Type	No. of C	Containers	Preservation		Analysis	— т	Time	Det
4W-8B-20120	20109	3		_	1, 4	Orox		1890	Date
								. 6 /	01/09
omments									
ignature	24	2			Date <u>Oi/</u>	09/12	*		•

Well/Piezo ID:	
MW-11B	×.

Client: Project No:		n Harbors 10275-200			Date: OZ Time: Start					
Site Location	Coffe	eyville				=======================================				
Weather Con	ds:	504 50°		_Collector(s)	T. Hemry, S.	Walston		-		-
WATER LEV a. Total Well b. Water Tab	Length ble Depth	16.19	c. Ca	of Casing) Ising Material Ising Diameter			ed Well Vol	ume (gallor	er	D)
a. F	urge Meth	od (peristalti	c, bailer, p	oump, etc.)	gung		2			
	Minimum F Maximum <i>i</i>	Criteria defi Required Pur Allowable Tu n of parame	ge Volume rbidity		well volumes) NTUs %	)				
c. F	ield Testin	g Equipment	Used:	Make	Model		Serial Num	ber		
				YSI	336				_% _,	
d. I	Field Testir	ng Equipmer	t Calibrati	on Documenta	ation Found in	Field Notebo	ook#	Page #	-	
Policy Co.	Volume moved (ga	l) T° (C/F)	рН	Spec. Cond (mS/cm)	DO %	DO (mg/l)	ORP (mV)	Color	Odor	Other
3	, i	15.15			67.4.	6.60	-72.8	chear	None	
6	. 3	15.46	6,66	3,150	58.9	5.82	-92.3 -103.3			
9	,4	15.65	6.77		59.2	5.97	-106,3			1.0
12	.5	15.58	6.82	3,153	64.1	6.32	-1092	4	Ø	
		-								
			25-76-10-			1		<u>.</u>	1	741 13
			- 16 - :1	\/	***				MNA	Ing. e
		e criteria pas ed volume be		Yes	No	N/A	NO <sub>3</sub>	/		Dilution
A	- Total	ed turbidity b					Mn		mg/l	+
		neters stabil		-Cu			SO <sub>4</sub>		mg/l mg/l	+
		N/A - Explai					Fe	V-1111	mg/l	
									9/	
SAMPLE CO	DLLECTIO	N:	Method:	Pom	2	i i	****			_
Sample II	)  Cont	ainer Type		Containers	Preservation	i l	Analysis		Time	Date
224- Mu			3		HCI	VOCs by 8			1355	02/24
	40ml	vial	3			1,4-Dioxan	e by 8260 S	SIM		
			1						-	-
										+
Comments		America - VC test New En		lank 4 Dioxane, trip	blank	Jump 1.	م سواا	cant	getTI	7
Signature	7	e-14	1			Date	02/24	112		<del>-</del>

Well/Piezo ID:	
MW-1313	*

- 1	Client: Project N Site Loca Weather	ition:	60240 Coffey	Harbors 275-200 ville	O°	Collector(s)	T. Hemry, S. V	- - Walston	Date: 62 Time: Start Stop		am/pm nm/pm	
	a. Total V	Vell Leng	th		c. Ca	of Casing) sing Material sing Diametel	· · · · · · · · · · · · · · · · · · ·		of Water Co		(a-b	))
				15,15	u. Ca	sing Diameter			2" - 0.171		s)	
	WELL PL			d (peristaltic	, bailer, p	ump, etc.)	pomp		3			
	ar I	b. Accep - Minir - Maxi	otance ( num Re mum Al	Criteria defir	ned (from ge Volume bidity	workplan)	well volumes) NTUs %				υ	
		c. Field	Testing	Equipment	Used:	Make √S∓	Model 556		Serial Num		-2	
		d. Field	Testing	<b>j</b> Equipmen	t Calibrati	on Document	ation Found in	Field Notebo	ook#	Page #_		
	Time	Volu Remove	**************************************	T° (C/F)	рН	Spec. Cond (mS/cm)	DO %	DO (mg/l)	ORP (mV)	Color	Odor	Othe
İ	ð	1.	ou (gui)	13.84	6.00	3.395	44.3	4.35	-118.6	Clear	None	0
-	3	,2		13.92	6.01	3.400	44 35	4.15	-118,9			
	9	. 3		15-28	6.73		24,6	7 23	-1278			-
t	12	.3		15.38	6.79	3.553	23.6	7.19	-128-2	4		
F							×					
										6	MNA	
		Mary Mary Comment	•	criteria pass		Yes ed $\square$	No	N/A	NO	2		Dilutio
			55	I volume be I turbidity be				R R	NO <sub>3</sub> Mn		mg/l	-
			150	eters stabili					SO <sub>4</sub>		mg/l mg/l	-
				I/A - Explair			_	_	Fe		mg/l	
	SOMETHINGS THE PERSON	E COLLE			Method:	pomp						
220	Samp		Contai	ner Type		Containers	Preservation		Analysis		Time	Da
162	4 - Mu	1-1313	40ml v		3		HCI	VOCs by 8	e by 8260 S	SIM	1342	02/2
-								1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
-								1				
Ī												
	Commen	ts		merica - VO est New Eng		ank 1 Dioxane, trip	blank	omb in	. well	can't	get T	<u>D</u>
20	Signature		2		1	7		Date	02/2	4/12		

Well/Piezo ID:	
MW-15B	

Client: Project N Site Loca Weather	ation:	60240 Coffey	Harbors 275-200 rville	50	Collector(s)	T. Hemry, S. V		Date: 02/2 Time: Start Stop			
WATER a. Total \	<b>LEVEL D</b> Well Leng	ATA: (I	measured t	from Top	of Casing) sing Material	Puc	Well 🖂 e. Length		Piezometei Iumn	(a-b	)
b. Water			16.82	d. Ca	ising Diameter	2"		ed Well Volu 2" - 0.171		s)	
	b. Accep - Minin - Maxii	otance ( num Re mum Al	Criteria defir	ned (from ge Volume rbidity		well volumes) NTUs	_		n		
	c. Field	Testing	Equipment	Used:	Make $\sqrt{SI}$	Model 55 €		Serial Num			
	d. Field	Testing	g Equipmen	t Calibrati	on Document	ation Found in F	Field Notebo	ook#	Page #_		
Time	Volu Remove		T° (C/F)	pH 6.45	Spec. Cond (mS/cm)	DO %	DO (mg/l)	ORP (mV)	Color	Odor	Othe
3 6 9	.2		14.90	6.96 7.11 7.24	1.142	47.4 32.3 35.4	2.64	-91.6 -100.6 -103.4	Clear Clear	None None None	
12	. 5		14.89	7.27	1.36	#162 34 C	2,51	-107.6	Clear	None	
										MNA	
	e. Acce	ptance	criteria pas:	s/fail	Yes	No	N/A				Dilution
			l volume be				R	NO <sub>3</sub>		mg/l	
			I turbidity be				X	Mn		mg/l	
			eters stabili		K			SO <sub>4</sub>		mg/l	
	Ū	no or N	I/A - Explair	n below.			,	Fe		mg/l	
SAMPL	E COLLE	CTION	l:	Method:	punp						3 1
	ple ID		iner Type	No. of	Containers	Preservation		Analysis		Time	Date
224-1	uw45B			3		HCI	VOCs by 8		NINA .	1310	2/20
		40ml v	/iai	3			1,4-Dioxan	e by 8260 S	SIM		
Commen	nts		merica - VC est New Eng		lank 4 Dioxane, trip	blank	P	mp in	n pla	ce can'	t g
Signature	e	2,	e of	7	_		Date	02/24/	12		

Well/Piezo ID:		
MW-16B	160	

Client: Project No:		60240	Harbors 275-200		5		-	Date: 2/24/ Time: Start 1043 am/pm Stop am/pm					
Site Loc Weathe	r Conds:	Coffey	ville	>*	Collector(s)	T. Hemry, S. V	- Walston	Stop		am/pm			
a. Total	Well Len	gth		c. Ca	of Casing) sing Material sing Diameter	100	e. Length	ed Well Vol	olumn	· —	)		
WELL P	<b>PURGING</b> a. Purge		d (peristaltio	c, bailer, p	ump, etc.)	punp		- K	7/4				
-	- Minii - Maxi	mum Re mum Al	Criteria defii equired Puro llowable Tui of paramet	ge Volume rbidity		well volumes) NTUs %				9			
	c. Field	Testing	Equipment	Used:	Make	Model 556		Serial Num	ber	-			
	d. Field	Testing	g Equipmen	t Calibrati	on Document	ation Found in I	Field Notebo	ook #	Page #_				
Time	Volu Remov	ed (gal)		pH 6.72	Spec. Cond (mS/cm)	DO %	DO (mg/l)	ORP (mV)	Color	Odor	Other		
3	13		13.94	7.00	2.098	19.2	1.89	- 84.7 -107.3	Clear	Niene			
9	. 3	4	14.67	7.11	2,113	14.9	1,35	-116.1	clear	NZ			
9			14.64	7.15	2.118	9.5	9.3	-119.5 -124.3	clear	*			
12				1115				147' 3	Cear				
										MNA			
	e. Acce	ptance	criteria pas	s/fail	Yes	No	N/A		2		Dilution		
8			d volume be		Control of the Contro			NO <sub>3</sub>		mg/l			
		5.50	turbidity be					Mn		mg/l			
		•	eters stabili		<b>=</b>			SO <sub>4</sub>		mg/l			
		r no or, r	N/A - Explair	i below.				Fe		mg/l			
SAMPI	LE COLL	ECTION	I:	Method:	punp				7		-		
0		101-	-			15					-		
	iple ID		iner Type	No. of	Containers	Preservation HCI	VOCs by 8	Analysis 260B		Time	2/24		
	-MW168			3				e by 8260 S	SIM	1326	2/24		
		_											
Comme	nts		merica - VC		ank Dioxane, trip	blank	Sung .	in place	e can	it get	TA		
Signatur	е	e	A -	2			Date	02/	24/12				
		- 2											

Well/Piezo ID:	
MW-173	(4)

a. Total Well			26	Collector(s)	T. Hemry, S. V	- Valston	Time: Start Stop		am/pm am/pm	
b. Water Ta	,	_	. c. Ca	of Casing) sing Material sing Diameter			of Water Co		r	)
WELL PURG	GING DATA		•	ump, etc.) <u></u>			2" - 0.171	4" - 0.652		
b. <i>i</i>	Acceptance (	Criteria defir equired Purç lowable Tur	ned (from ge Volume bidity	workplan)	well volumes) NTUs					
с. Г	Field Testing	Equipment	Used:	Make Model Serial Number						
d.	Field Testing	<b>,</b> Equipmen	t Calibrati	on Documenta	ation Found in	Field Notebo	ook #	Page #_		
	Volume emoved (gal)	T° (C/F)	pН	Spec. Cond (mS/cm)	DO %	DO (mg/l)	ORP (mV)	Color	Odor	Other
0	. \	14.75	6.86	3.52.5	60.3	6.01	-68.7	Clear	Nove	
6	,2	14.96	7.00	3.541	40.9	4.32	-88.6			
9			7.00	3,539	53.8	5.40	· 99.4			
12	15	15.04	6.99	3.542	536	5.81	-100.4	4	V	
									MNA	
	Acceptance			Yes ed $\square$	No	N/A	NO	1		Dilution
	Has required			Manager 1		NO <sub>3</sub>			mg/l mg/l	
	Have param	0.50		Su 🔲					mg/l	
		I/A - Explain							mg/l	
SAMPLE C	COLLECTION	l:	Method:	gung	and an					-
Sample I		ner Type		Containers	Preservation		Analysis		Time	Date
224- MW-		1705200	3		HCI	VOCs by 8		SINA	1330	2/24
	40ml v	ıal	3			1,4-Dioxan	e by 8260 S	DIIVI		
			ÇC.			٨			*	
							0			1
Comments		merica - VO		ank I Dioxane, trip	blank Po-	AD IN	DUP	-061	here	2
Signature	7.0	1	1		1		02/24	/12		

0

Well/Pie	zo ID:			
/	nw	- 2	813	

Client: Project Site Lo Weathe			offey u		<del></del>	7 14	<u>D</u> (+	Time: Sta	1 / 0 4 / art	am/pm	
a. Total	well Le	ngtn	35.8	<u>+</u> c. C	op of Casing) Casing Materia	SUC	Well De Lengtr		Piezome	ter []	 a-b)
	PURGIN	G DATA	4		Casing Diamet		1" - 0.043	2" - 0.171	4" - 0.652	ons) <u>2.87</u> 2	_
	b. Acce - Min - Max - Sta	eptance imum R ximum A bilization	Criteria de Required Pu Allowable T n of paramo	fined (fror irge Volun urbidity eters	n worknian)	_ well volume _ NTUs _ %				_	
c. Field Testing Equipment Used: Make Model Serial Number  d. Field Testing Equipment Calibration Documentation Found in Field Notebook # Page #											
Time 1410	Volu Remov	ume ed (gal)	T° (C/F)	pH 7, 33	Spec. Cond (mS/cm)		DO (mg/l)	ORP	Color	Odor	Other
1415		50	60.67		801	13.5	1. 33	-60.68	brange!	× -	_
1425	8.0	02	60.69		302	13.2	1.29	-60.70	Clear	_	_
			WU.O.F	7.54	742	11.4	1.12	- 57.62	Clear		_
							+				
										<u> </u>	
	e. Acce	ptance	criteria pas	s/fail	Yes	No	NI/A		ı	MNA	
	Has	required	volume be	en remov	red 🛱	No	N/A				Dilution
	Hasi	required	turbidity be	een reach	ed 🗆			NO <sub>3</sub>		mg/l	
	Have	parame	eters stabili	zed	-	ī		Mn SO <sub>4</sub>		mg/l	
	lf	no or N	I/A - Explain	n below	***************************************	_				mg/l	
	N	o sta	bitzat	ion	required	&	L	Fe		mg/l	
SAMPLE	COLLE	CTION		Method:	Check	- value					
MW-Z8	3B - Zo	Dirical	CC Type	-		Preservation		Analysis		Time	Date
					)		1,4	Ko; a		1430	01/09
Comments	l										
Signature		r, l	-4				Date	1091	1 )		

Well/Piezo ID:	
MW-29BR	

0

Client: Project No: Site Location: Weather Conds;	Coffey.	ville		) <u>TH</u>	_DH							
water Level Da. Total Well Length	n <u>18.2</u>	∑ c. C	asing Materia	) al PVC ter 2				22.72 (				
WELL PURGING D a. Purge	DATA Method (perista				1 - 0.043	2" - 0.171	4" - 0.652	5. 5 q	-			
- Minimi - Maxim - Stabiliz	ance Criteria de um Required Pu um Allowable T zation of param	irge Volun urbidity eters	n workplan) ne (@3	well volume _NTUs _%				-	<u>-</u>			
c. Field Testing Equipment Used: Make Model Serial Number												
d. Field Testing Equipment Calibration Documentation Found in Field Notebook # Page #												
Time Removed 12.55 O 13.00 4.0 13.05 3.0 13.10 12.0	(gal) T° (C/F) 59,23 (.0.18 > 60,37	6.87	Spec. Cond (mS/cm) 2858 1895 1902 2094	DO % 35.8 1241 10.6 10.4	DO (mg/l) 3 · 5 6 1 · 2 1 1 · 08 1 · 05	ORP (mV) 11.1 -59.3 -63.4 -69.8	Color	Odor	Other			
e. Accepta	ince criteria pas	s/fail	Ves	Na			N	INA .				
Has req Has req Have pa	uired volume be uired turbidity b trameters stabil or N/A - Explai N & Sta	een remov een reach ized n below	ed 🗌	No	X	NO <sub>3</sub> Mn SO <sub>4</sub>		mg/l mg/l mg/l mg/l	Dilution			
SAMPLE COLLECT			chec		0				•			
Sample ID Co	ontainer Type			Preservation		Analysis		Time	Date			
					1,4	Diox		1315	01/09/12			
Comments												
ignature	1				Date _ 😂	01/04/1	7.17					

0

Well/Piezo	ID:				_
M	1.1-	31	R.	-	
1 -1	W	01	2		

Client: Project Site Loc Weathe			College 52°		_Collector(s	) <del></del>	Date: 1/4/12 Time: Start am/pm Stop am/pm						
WATER a. Total	R LEVEL Well Le	DATA:	(measure	d from To	p of Casing) asing Materia	1 PVC	Well ⊠ e. Length	n of Water	Piezomete	er [] .0.68 (	 a-b)		
b. Wate	URGIN	G DATA				er_2_	1" - 0.043	2" - 0.171	4" - 0.652	ns) <u>3.54</u>	_		
a. Purge Method (peristaltic, bailer, pump, etc.)													
c. Field Testing Equipment Used: Make Model Serial Number													
	d. Field Testing Equipment Calibration Documentation Found in Field Notebook # Page #												
Time 1505	Remov	ed (gal)	57.78		Spec. Cond (mS/cm)	DO %	DO (mg/l)	ORP (mV)	Color brown (Su	Odor	Other		
1510	3.5		57.45		1451	9.1	.94	- i. l	Clear	_			
1520	7.0		57.33	6.92	1451	9.3	195	-0.2	ciect .		-		
132	10.	61	58.33	6.92	1470	8.0	,30	マル	Clear	-	-		
									L	-			
	e. Acce	ptance	criteria pas	s/fail	Yes	No	N/A		M	NA			
	Has	required	volume be	en remov	ed 🖾	Ü	<u>'</u>	NO <sub>3</sub>			Dilution		
			turbidity be		ed 🗌		$\boxtimes$	Mn		mg/l			
			eters stabili				X	SO <sub>4</sub>		mg/l	+		
	lf	no or N	I/A - Explaii	n below.				Fe		mg/l mg/l			
										mg/i			
SAMPLE	COLL	ECTION	:	Method: _	check	c value					-		
Sampl	le ID	Contain	ner Type	No. of (	Containers	Preservation					-		
MW-3	1B-Z	0120	(७५	3	o intainers	Teservation		Analysis		Time	Date		
							4	U,6X		1530	1/9		
comments	5												
ignature _	3	1	1				Date	01/04/	12				

Well/Piezo ID:	700000
MW-33B	

Client: Project No: Site Location: Weather Conds:	Coffey		Collector(s)H			Date::\rightarrow\cdots Time: Sta	p	am/pm _am/pm	
water Level I a. Total Well Lend b. Water Table D well Purging a. Purge	gth $28.6$ Depth $12.6$	c. C	asing Materia asing Diamet	er_2_	f. Calcula 1" - 0.043	of Water of ated Well V 3 2" - 0.171	olume (gallo 4" - 0.652	5.49 (a	
- Minir - Maxi	otance Criteria de num Required Po mum Allowable T ilization of param	urge Volun urbiditv	n workplan) ne (@	_ well volume _NTUs _%	s)7_	95	c	-	-
	Testing Equipme		Make	Model	n Field Note	Serial Nur		-	
Volui Remove 1616 C 1620 2.6 1630 7.9	me d (gal) T° (C/F) 59.59 4 60.93 59.49	pH 6.85 6.88	Spec. Cond (mS/cm)		DO (mg/l)	ORP (mV)	Color	Odor	Other
Has re	tance criteria pas	een remov	Yes ed 🗵	No 🗆	N/A	NO <sub>3</sub>	N	/NA	Dilution
Have	equired turbidity b parameters stabil no or N/A - Explai	ized	ed 🗍			Mn SO <sub>4</sub> Fe		mg/l mg/l mg/l mg/l	
SAMPLE COLLEC		Method: _	cleck	Valve					
Sample ID (	Container Type	No. of (	Containers	Preservation	١, ٩	Analysis D: ©X		Time O(/cx//\Z	Date 1640
omments									
gnature	ed	2	-		Date/	9/12			

Well/Piezo ID:	
MW-36B	

Client: Project No: Site Location Weather Col	n:	Clean offeru	ille		) <u>+</u> +	_	Date: \(\)\(\)\(\)\(\)\(\) Sto	10_ art p	_ am/pm _ am/pm	
well pure a. F	Length  BING DAT  Purge Meti  Acceptance  Minimum I  Maximum  Stabilization	Anod (perista e Criteria de Required Pu Allowable T on of param	d. C. d. C.	pump, etc.)	well volume NTUs  Model	f. Calcula 1" - 0.043 Salve /	n of Water Cated Well Vol. 2" - 0.171	olume (gallo 4" - 0.652	(4.4 (cons) 7.46	
Time Rem 09.35 09.40	volume noved (gal 으 2. 나 사 나 연 C 고 3 %		pH 6-45 6-43	Spec. Cond (mS/cm) 4070 4093 4099	DO %	DO (mg/l)	ORP	Color	Odor	Other
H:	as require as require ave param	criteria pas d volume b d turbidity b neters stabil N/A - Explai	een remov een reach ized	Yes ed	No	<b>1</b> 23	NO <sub>3</sub> Mn SO <sub>4</sub> Fe	N	mg/l mg/l mg/l mg/l	Dilution
Sample ID	Conta	iner Type		Containers	Preservation Hall Nove		Analysis × Vec		Time (900	Date OV/10
ignature			-			Date OI	10/12			

W. IIID: 10	
Well/Piezo ID:	
M11-3713	
1110	

### **Ground Water Sample Collection Record**

Client: Project No: Site Location: Weather Conds:	Clean Coffey		_ Collector(s)		_ D	Time: Sta	/10/12 int	am/pm	
WATER LEVEL D a. Total Well Leng b. Water Table De WELL PURGING I a. Purge	epth <u>21.33</u>	c. C	asing Materia asing Diamet	er2_	f. Calcula 1" - 0.043	of Water Co ted Well Vo 2" - 0.171	olume (gallo 4" - 0.652	11.38 (; ons) <u>1.94</u> 2	l ₃-b) _
b. Accept - Minim - Maxim	Method (peristal ance Criteria de um Required Pu um Allowable T zation of parame	fined (fron Irge Volun urbidity	n workslos)			(C)	og. er	_	-
	esting Equipmer esting Equipme		Make	Model	a Field Netal	Serial Num		-	
Volum Time Removed  0820 0  0825 1,92  0830 3,8  0835 5,8	(gal) T° (C/F) 54.32 1 54.28 8 54.29	pH 6.56 6.55	Spec. Cond (mS/cm)		DO (mg/l)	ORP	Color	#Odor	Other S+lty
Has red Has red	ance criteria pas juired volume be juired turbidity b	een remov een reach		No 🗆		NO <sub>3</sub>		MNA mg/l	Dilution
	arameters stabili or N/A - Explain				B.	SO <sub>4</sub>		mg/l mg/l mg/l	
Sample ID C	ontainer Type T		Check	valve					
MW-328-20	120110	140. 01	s 3	Preservation	7	Analysis	οC	Time 0840	Date
Comments									
Signature 7	2 A	2		1	Date	10/1	2		

0

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Well/Piezo ID:	
PF-6B	

Project No:	stry vil	le	Collector(s)	TH D		Date: 1/13 Time: Start Stop			(F)
WATER LEVEL DATA: a. Total Well Length b. Water Table Depth WELL PURGING DATA	31.60	c. Ca	of Casing) sing Material sing Diameter	PUC		of Water Collection	ıme (gallon:	(a-b	)
b. Acceptance - Minimum F - Maximum - Stabilizatio	Criteria defini Required Purgo Allowable Turk n of paramete	ed (from e Volume pidity ers	workplan)	well volumes) _ NTUs %	N. X			:	
c. Field Testin			Make on Documenta	Model ition Found in F		Serial Num			
Volume   Time   Removed (ga   1205   1215   1215	7° (C/F) 53.50 53.94 54.26 56.95	pH 7.28 7.13 7.03 4.35	Spec. Cond (mS/cm) 1247 1239 1384 1574	DO % 19.6 17.0 16.5	DO (mg/l) 2.02 1.80 1.64	ORP (mV) 64.3 55.4 55.9	Color	Odor	Other
			13	e P				<b>I</b> NA	
Has require Have para	e criteria pass ed volume bee ed turbidity be meters stabiliz N/A - Explain	en remove en reache ed		No		NO <sub>3</sub> Mn SO <sub>4</sub> Fe		mg/l mg/l mg/l mg/l	Dilution
SAMPLE COLLECTION	DN:	Method:							<b>-</b> 98
Sample ID Coni	ainer Type	No. of	Containers	Preservation (+c)	Vo	Analysis		Time (220	Date 01/13/12
Comments									
Signature	ye,	4		15	Date(	01/13/	12		<del></del> 8

Nell/Pie	n ID.		
V CINT 162	בטוט.		
	PH-	1313	
		ハンリ	

Client: Project Site Loc Weathe		Clear Coffe 30°	yu; lle		74	БH	Date: Time: Sta	)	_ am/pm _ am/pm	
b. Wate	R LEVEL DATA: Well Length er Table Depth PURGING DATA a. Purge Meth	14.80	<u>2</u> c. C ≥ d. C	asing Materia asing Diamet	er_< \ _	e. Length f. Calcula 1" - 0.043	ited Well Vo 2" - 0.171	olumn olume (gallo 4" - 0.652	ons)	(F) (F)
	<ul> <li>b. Acceptance</li> <li>- Minimum F</li> <li>- Maximum F</li> <li>- Stabilization</li> </ul>	Required Pu Allowable T n of parame	irge Volum urbidity eters	n workplan) ne (@3	well volume _NTUs _%	s)				
	c. Field Testing			Make	Model		Serial Num		_	
	d. Field Testin	g Equipme	nt Calibrat			r Field Notel	book #	Page :	#	
Time	Volume Removed (gal)	T° (C/F)		Spec. Cond (mS/cm) 3343	DO %	DO (mg/l)		Color	Odor	Other
1415		56.39	6.67	3399	18.4	1.77	-41.9	brown:s	h -	
1425		56.82		3428	20.5	2.00	- 39.3		,	
		3 4.37	0.06	7457	22.1	2,06	-25.1	V	_	_
	e. Acceptance	criteria pas	s/fail	Yes	No	N/A		N	INA	T=
	Has required	d volume be	en remov	ed 🔼			NO <sub>3</sub>		mall	Dilution
	Has required	turbidity b	een reach				Mn		mg/l mg/l	-
	Have param						SO <sub>4</sub>		mg/l	
	it no or N	I/A - Explaii	n below.			[	Fe		mg/l	
	-									
SAMPLE	COLLECTION	l:	Method:							_
Sampl	le ID Contair	ner Type	No. of C	Containers	Preservation					
PF-13"	B-20(201			3	H c \	Joc	Analysis		Time	Date
						- VCC			1430	01/13/12
									<del>-</del>	
					77.47					
omments	3									
	-									_
ignature	7,6	- 4				Date	1/13/	2		<del>-</del>

Well/Pie	zo ID:		_
	-5t-	1413	

	Clean Ha		TH	D H	Time: Sta	/( <u>Z</u> /(Z art	_ am/pm _ am/pm	
WATER LEVEL DATA a. Total Well Length b. Water Table Depth WELL PURGING DATA a. Purge Meth	$\frac{17.00}{23.52}$ c. C.	asing Material asing Diamete	puc st	f. Calcula 1" - 0.043	2" - 0.1/1	Column olume (gallo 4" - 0.652	ons)	(a-b)
b. Acceptance - Minimum F - Maximum /	e Criteria defined (from Required Purge Volum Allowable Turbidity n of parameters	worknlan)						_
	g Equipment Used:	Make	Model	- Field No.	Serial Nur		<b>-</b>	
Volume Removed (gal)	T° (C/F) pH	Spec. Cond (mS/cm)	DO %	DO (mg/l)	ORP	Color Courts	#Odor	Other
25	55.01 6. 77 54.39 6.88 53. 5 0.33	2 7 98	17.8 20.3 25.2	1.99 2.83 2.70	- ZG.1 - G4.7 - 81-6			
e. Acceptance	criteria pass/fail	Yes	No	N/A			INA	
Has required Has required Have param	d volume been removed turbidity been reache eters stabilized N/A - Explain below.	ed 🗵		Ø Ø	NO <sub>3</sub> Mn SO <sub>4</sub>		mg/l mg/l mg/l mg/l	Dilution
MPLE COLLECTION	l: Method:							-
Sample ID Contain	ner Type No. of C	Containers	Preservation H c \	Voc	Analysis		Time 1335	Date
nments								
nature		2		Date	01/13	/12		• 0 5

Well/Piezo ID:	-
PF-20B	

Client: Project No: Site Location: Weather Conds:  Clean If a voc Coffeyville	_Collector(s)	TH	DH		/12/17 a		
WATER LEVEL DATA: (measured from Top a. Total Well Length 32.43 c. Ca	o of Casing) asing Material	Puc	Well e. Length		Piezometer lumn <u>(</u>	86 (a-b)	
b. Water Table Depth d. Ca	asing Diameter			ed Well Volu 2" - 0.171		.77_	
WELL PURGING DATA					4 - 0.002		
a. Purge Method (peristaltic, bailer,	pump, etc.)	Peristall	ric Pur	m B	-		
<ul> <li>b. Acceptance Criteria defined (from</li> <li>- Minimum Required Purge Volum</li> <li>- Maximum Allowable Turbidity</li> <li>- Stabilization of parameters</li> </ul>	workplan) e (@	well volumes) NTUs %	2.	16			
c. Field Testing Equipment Used:	Make	Model		Serial Num	ber		
d. Field Testing Equipment Calibrat	_	ation Found in F	ield Notebo		Page #_		
Volume Time Removed (gal) T° (C/F) pH	Spec. Cond (mS/cm)	DO %	DO (mg/l)	ORP (mV)	Color	Odor	Other
1400 0 52.35 7.28		73.0	2,42	-90.2	bravisish	_	_
1005 .72 52.19 7.18	1702	21.4	2.32	- 98.6	1	_	_
1010 1.44 57.61 6.98		17.6	1-03	- 107.3	1	-	
1015 2.16 53.29 6.92	176.95	8.2	. 87	-112.4	, , , , , , , , , , , , , , , , , , ,		
			+				
						INIA	
e. Acceptance criteria pass/fail	Yes	No	N/A		IV	INA	Dilution
Has required volume been remov	E21			NO <sub>3</sub>		mg/l	Dilation
Has required turbidity been reach				Mn		mg/l	
Have parameters stabilized			X	SO <sub>4</sub>		mg/l	
If no or N/A - Explain below.				Fe		mg/l	
2							
SAMPLE COLLECTION: Method:	Perist	altic	Pomp	)			
	f Containers	Preservation		Analysis		Time	Date
PF-208-20120112	3	HCI	V.	ocs		1120	1/12/12
Adams - A-20120112	3	None	1,	4 Die	X	1550	1/12/12
Comments				\$		0	
Signature 36		10	Date OI	112/17	71		

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Well/Piezo ID:	
PF-21B	

Client: Project N Site Loca Weather	ation:		offeyus		Collector(s)	TH 3	DΗ		<u>(2/ (</u> 2 a		el 18
	LEVEL D		measured f		of Casing) sing Material			of Water Co		૦૧ે (a-b	)
b. Water	Table De	epth	16.00	d. Ca	sing Diameter	2				s)73	
WELL P	URGING a. Purge		d (peristaltic	c, bailer, p	oump, etc.)	Peristalt		2" - 0.171 Junp	4" - 0.652		
	- Minim - Maxir	num Re num Al	Criteria defir quired Purg lowable Tur of paramete	je Volume bidity	workplan)	well volumes) NTUs %	2.1	9			
	c. Field 1	esting	Equipment	Used:	Make	Model	,	Serial Num	ber	÷ .	
	d. Field	Testing	g Equipment	: Calibratio	on Documenta	ation Found in F	ield Notebo	ook #	Page #_		12
Time	Volui Remove	33 WH 100	T° (C/F)	pH	Spec. Cond (mS/cm)	DO %	DO (mg/l)	ORP (mV)	Color	Odor	Other
12015			49.56	7.14	19501	23.5	2.66	-131.2	clear	_	_
1720	,7	3	49.72	7.15	1095	22.4	2.53	-138.6	1	-	-
1225	1.4		50.97		1103	19.2	1.96	-137.6			_
1230	2.	19	52.85	7.08	1132	15.0	1.58	-137.5	V	_	
									N	INA	la:
			criteria pass		Yes ed 🔯	No	N/A	NO			Dilution
			l volume be		_			NO <sub>3</sub>		mg/l	
			I turbidity be		ea 🗆		X	Mn SO₄		mg/l	
			eters stabili: I/A - Explair				EQ.	Fe		mg/l	
	311	110 01 1	VA - Expiaii	i below.				16		mg/l	
SAMPL	E COLLE	CTION	l:	Method:	Perist	altic pu	mp				· - ,
Sam	ple ID	Contai	iner Type	No. of	Containers	Preservation	<u> </u>	Analysis	1	Time	Date
	B-201	201	12			HCI	U,	<i>ع</i> دی		1230	01/12/12
				95							
	-										
Commen	its		26			L			8		
Signature	9	l	- 4			2	Date	01/12/12			-

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Well/Piezo ID:	
PF-2213	

Client: Project N Site Loca Weather	ation:		Mean Mey v:		Collector(s)		s et		<u> </u>		c
WATER I		ATA: (ı th	neasured f	rom Top c. Ca	of Casing) sing Material				Piezometer		<b>)</b> )
b. Water	Table De	epth .	14.92	d. Ca	sing Diameter			ed Well Volu 2" - 0.171		s)_,74	
WELL PL	a. Purge	Method				Peristal			4 - 0.652		g.
	b. Acceptance Criteria defined (from workplan)  - Minimum Required Purge Volume (@3 well volumes) 2- 2-3  - Maximum Allowable Turbidity NTUs  - Stabilization of parameters %										
	c. Field	Testing	Equipment	Used:	Make	Model		Serial Num	ber		
	d. Field	Testing	g Equipment	: Calibratio	on Documenta	ation Found in F	Field Notebo	ook #	Page #_		
Time	Volu Remove		T° (C/F)	рН	Spec. Cond (mS/cm)	DO %	DO (mg/l)	ORP (mV)	Color	Odor	Other
1325	0		48.51	7.13	1035	14.5	1.65	-153.0	clear		_
1330	.7.		49.53	7.12	1039	13.7	1.28	-155.8			
1335	148		52.18	7.11	17.28	10.2	,99	1.1	V		
1940	2.2	-5	57.16	7.10	1354	8.1	,82	-187.7	(		1
						,				ANIA	
			oritorio noos	/foil	Yes	No	N/A	,	T	/INA	Dilution
		•	criteria pass I volume be			No		NO <sub>3</sub>		mg/l-	Dilation
							8	Mn		mg/l	
		500	l turbidity be eters stabili:		eu 🗆	ī	×	SO <sub>4</sub>		mg/l	
			VA - Explair				_	Fe	-	mg/l	+
		110 01 1	VA - Explain	i below.				10		i iigii	
SAMPL	E COLLE	ECTION	I:	Method:	Perist	altic P	'ump	2	-		
	ple ID		iner Type	No. of	Containers	Preservation		Analysis		Time	Date
DE-S	2B-2	0120	112	3		HCI	100	cs		1345	01/12/12
											<del> </del>
Commen	nts		7/								2 <sup>2</sup>
Signature	e	Z	1/	7			Date _ O	1/12/12			_

# **A**COM

Well/Piezo ID:	
DE-5312	

Client: Project No: Site Location: Weather Conds:  Clean Ha	Collector(s)			Date: <u>②\</u> Time: Start Stop			
WATER LEVEL DATA: (measured from a. Total Well Length	m Top of Casing) c. Casing Material	Puc	Well   e. Length of		Piezometer	80 (a-b	) )
b. Water Table Depth 16.25	d. Casing Diameter		f. Calculate			s) <u>.72</u>	
WELL PURGING DATA a. Purge Method (peristaltic, b	ailer, pump, etc.)	Peristalt					
b. Acceptance Criteria definec - Minimum Required Purge  - Maximum Allowable Turbic Stabilization of parameters	Volume (@3 lity	well volumes) _ NTUs	2.16				
<ul> <li>Stabilization of parameters</li> <li>c. Field Testing Equipment Us</li> </ul>		. <sup>%</sup> Model		Serial Num	her		
c. Fleid Festing Equipment Os	eu. Wake	Woder		oeriai ivuiii	Dei		19
d. Field Testing Equipment C	alibration Documenta	ation Found in F	ield Notebo	ok #	Page #_		
Volume Time Removed (gal) T° (C/F)	Spec. Cond pH (mS/cm)	DO %	DO (mg/l)	ORP (mV)	Color	Odor	Other
	.52 4401	19.6	2.23	-57.1	Clear	~	-
	0.47 4407	18.8	2.12	-53-8	1		-
945 1.44 50.126	,50 5022	16,5	1.65	- 48.6		-	_
950 2.16 53.30 6		14.2	1.49	-45.6	J	-	_
					0	10	
		-					
**							
					N	INA	
e. Acceptance criteria pass/fa		No	N/A				Dilution
Has required volume been	removed 🛛			NO <sub>3</sub>		mg/l	
Has required turbidity been	reached		X	Mn		mg/l	
Have parameters stabilized				SO <sub>4</sub>		mg/l	
If no or N/A - Explain b	elow.			Fe		mg/l	
			L			19/	
							-
-	4						<del>-</del> 2 (* 1
SAMPLE COLLECTION: Me	ethod:				6		-
Sample ID Container Type	No of Containers	Preservation		Analysis		Time	Date
PF-238-20120112	3	it c1	Vocs			1000	01/12/12
PE-2380-20120112	3	HCI	Vocs			1030	61/12/12
1. 20120112		1101	VOCS			10.50	01/14/10
			a "				
						- 4	
Comments Dup For	PF-23B-20	3120112	75 PF	-2380	-2012	0112	
Comments  Dop For  Signature	2/		Date <u>O</u>	112/12			<del>-</del> :

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Well/Piezo ID: アド・こり因	
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Client: Project N Site Loca Weather	lo: ation: <u> </u>	offeyw		Collector(s)		A	Date: \(\frac{\lambda}{\lambda}\) Time: Start Stop		am/pm im/pm	(5
	<b>LEVEL DATA: (</b> Well Length	measured 1	rom Top c. Ca	of Casing) sing Material	200	Well (2)	of Water Co	Piezometei lumn\ 7	(a-b	)
b. Water	Table Depth	17.30	d. Ca	sing Diameter	1		ed Well Volu 2" - 0.171		s)76	
WELL PI	JRGING DATA a. Purge Metho	od (peristaltio	c, bailer, p	ump, etc.)	per:stalt			4 0.002	92	
	b. Acceptance - Minimum Ro - Maximum A	equired Purg	je Volume		well volumes) NTUs	2.28	3			
	- Stabilization				%					
	c. Field Testing	Equipment	Used:	Make	Model		Serial Num	ber		
	d. Field Testing	g Equipmen	t Calibratio	on Documenta	ition Found in f	Field Notebo	ook #	Page #_		
Time	Volume Removed (gal)	T° (C/F)	рН	Spec. Cond (mS/cm)	DO %	DO (mg/l)	ORP (mV)	Color	Odor	Other
0825	0	57.64		4346	24.8	2,49	-11.0	clear	-	-
0830	,76	58.83		4251	24.1	2.40			-	_
0835	2.28	58.05	6.85	4395	9.6	. 96	- 70.5			
				2						
									//NA	
	e. Acceptance	criteria pass	s/fail	Yes	No	N/A				Dilution
	Has require	d volume be	en remov	ed 🔼			NO <sub>3</sub>		mg/l	
	Has require	d turbidity be	en reach	ed $\square$		X	Mn		mg/l	
	Have param	eters stabili	zed			$\square$	SO <sub>4</sub>		mg/l	
	If no or I	V/A - Explair	n below.				Fe		mg/l	
	-							7/10-00-		<del>-</del>
SAMPL	E COLLECTIO	N:	Method:	Perista	1+:c po	gn				= 2
Samp	ole ID Conta	iner Type		Containers	Preservation		Analysis		Time	Date
PF-2	43-20120	112		3	HCL	Voc	5	2	0845	1/12/12
				1						
0									I	7
Commen									**************************************	-, .
Signature	- Ze	1	7			Date	01/12/1-	ک ۔		<u>-</u>
								*		

Well/Piezo I	D:
	8F-52B

Client: Project No: Site Location: Weather Cond	Co	leau f offeyu: 30°			7 4 7		Date: ON 19/12 Time: Start Stop			6 5.70
WATER LEVE a. Total Well L	.ength	DE-51	_ c. C	asing Materia	Poe		of Water C	Piezomet	er 🗵	 (a-b)
b. Water Table WELL PURGII a. Pu	NG DATA				er <u>1"</u> <u>peristo</u>	1" - 0.043	2" - 0.171	4" - 0.652	ons) 65	<u>-</u>
b. Ac - M - M	ceptance inimum R aximum A	Criteria de	fined (fron irge Volum urbidity	workplan)	_ well volume _NTUs _%				-	
c. Fie	ld Testing	g Equipmer	nt Used:	Make	Model		Serial Nun	nber		
d. Fie	eld Testin	g Equipme	nt Calibrat	tion Documen	itation Found in	n Field Notel	book #	Page	- #	
Time Remo	olume oved (gal)	14.34	6.65	Spec. Cond (mS/cm)	DO %	DO (mg/l)	ORP (mV)	Color	Odor	Other
1025	130	15.40	6.75	3.34	-	5.11 4.38 2.42	-115 -129 -135			-
e. Acc	ceptance	criteria pas	ss/fail	Yes	No	N/A		N	INA	
		volume be		ed 🗵	No	NA	NO <sub>3</sub>			Dilution
		turbidity b		ed 🗌			Mn Mn		mg/l	+
Hav		eters stabil					SO <sub>4</sub>		mg/l mg/l	+
	If no or N	I/A - Explai	n below.			Fe			mg/l	+
SAMPLE COL	LECTION	l:	Method: _	Perist	raltic 6	Romp				_
Sample ID	Contair	ner Type	No. of (	Containers	Preservation		Analysis		Time	T Data
PF-25BD-2	201201	119		3	Hel Hel				1030	Date ol/19/12
1, -300-	20 VC 0	119		2	HCI	Voca			1130	04/19/12
D										
Comments	75	F-25B	D 55	dup						
Signature	je A	7				Date <u>o</u> í	/19/12			-

Well/Pieze	) ID:
110101 1021	OF 7 CB
	14-500

	No: cation: er Conds:	C	of Ley	uille		TH D	_ am/pm _ am/pm	2.15			
b. Wat	er Table De PURGING D a. Purge M b. Accepta - Minimu - Maximu - Stabiliz c. Field Te	pth  ATA  Methoder  Method	16.25 nod (perista Criteria de lequired Pi Allowable T n of param	d. C. d. C.	pump, etc.)_n workplan) ne (@3	well volume _NTUs _ Model	f. Calcula 1" - 0.043  \(\alpha \bullet \rightarrow \cdot \	n of Water ( ated Well V 2" - 0.171	columni column (gallo 4" - 0.652	(ans) (80)	
Time 11 40 11 145 11 55	Volume Removed (	e (gal)	T° (C/F) /7. Z© /7. Z? /6. 9.Z /6. 9.C	pH 6.17 6.70 6.51	Spec. Cond (mS/cm) 3.44 3.44 3.80 3.64		DO (mg/l) 5.63 3.49 7.62 3.41	ORP	Color	Odor	Other
e. Acceptance criteria pass/fail Yes No N/A  Has required volume been removed NO3 mg/l  Has required turbidity been reached Mn mg/l  Have parameters stabilized SO4 mg/l  If no or N/A - Explain below.										Dilution	
Samp	le ID Co	ntair	ner Type			Preservation HC				Time /200	Date CL/(C/12
 mment		2	4	,			Date _ 🗢	119/12			8

Well/Piezo	ID:	
	PF-27	R

Client: Project Site Loo Weather	cation:	Clean Coffey 30°			745	- - - -	Time: Sta	1/19/12 1/19/12	_ am/pm _ am/pm	2.60
b. Wate	b. Acceptance - Minimum - Maximum - Stabilizatio	A hod (perista de Required Pt Allowable Ton of param	d. C.	pp of Casing) asing Materia asing Diamet pump, etc.) n workplan) ne (@3	1 Puc	Well ☐ e. Length f. Calcula 1" - 0.043 caldic R	2" - 0.171	olume (gallo 4" - 0.652	(snc) (snc) (.7(	a-b)
Time 1326 1325 1336	Volume Removed (gal		pH C-91 C-97 C-99	Spec. Cond (mS/cm) 3.14 3.02 2.56 2.35		DO (mg/l) 2.68 2.83 3.14 3.32	ORP	Color	Odor	Other
	e. Acceptance Has require Has require Have param If no or	d volume be d turbidity b	een remov een reach ized	Yes red 🖺	No	N N	NO <sub>3</sub> Mn SO <sub>4</sub> Fe	N	mg/l mg/l mg/l mg/l	Dilution
Sampl	le ID Conta	iner Type		Containers	Preservation		Analysis		Time 1340	Date Ø/19/12
Comments Signature		-H	7			Date	1/19/1-	7		

Well/Piezo	ID.
	0-2-5
	FE-18K
Market State	11-00

VATER LEVEL DATA  Total Well Length  Water Table Depth  VELL PURGING DAT  a. Purge Met	<u>34.27</u> c. <u>15.82</u> d.	Casing Materia	ıl	Well [		Diag		
VELL PURGING DAT	Α	Casing Diamet		e. Lengtr	of Water (	Piezomet Column	ter ☑ 18.45 (	a-b)
VELL PURGING DAT a. Purge Met	Α		er					a-0)
<ol> <li>Purge Met</li> </ol>	hod (peristaltic, baile			1" - 0.043	2" - 0.171	4" - 0.652	2	-
			Perista	14:0 B	gmo'			_
- Minimum - Maximum	e Criteria defined (fr Required Purge Vol Allowable Turbidity on of parameters	ıme (@) →	well volume _ NTUs _ %	s)	38		e* 	
c. Field Testi	ng Equipment Used:	Make	Model		Serial Nur	nber		<b>y</b> =
d. Field Testi	ng Equipment Calib	ration Documen	ntation Found in	n Field Notel	book #	Page	- #	1
Volume Time Removed (ga	I) T° (C/F) pH	Spec. Cond (mS/cm)	DO %	DO (mg/l)	1	Color	Odor	Othe
145 .79	14.01 6.4	1 6.72		5.42	-27	brown	154 -	
150 1.58	14.52 6.17		~	4.11	-34			_
		0.02		4.08	~ 39	4	_	-
								-
	criteria pass/fail	Yes	No	N/A			ANA	Dilution
Has require	d volume been rem d turbidity been rea	oved 🗵		· -	NO <sub>3</sub>		mg/l	
Have parar	neters stabilized				Mn		mg/l	
	N/A - Explain below		ш		SO₄ Fe		mg/l	
			17.	L			mg/l	
AMPLE COLLECTIO	N: Method	Per:s	faltic r	Pump	-			_
Sample ID Conta	iner Type No. o	f Containers	Preservation	,	Analysis		T:	- T ==
-283-20120	119	G	HCI	Vo	CS		7500	Date
								-1.1/10
nments								
-	1/							
nature	H		9	Date	1/19/	7		

Well/Piezo	ID.	
	0	
	PL-	7915
	1	- 1

1									ck up	3.64
Client:		Clean	Harb	013			Date: c	1/19/12		
Project Site Loc	INO:						Time: Sta	art	am/nm	
	er Conds:	Coffey	ville	0 11 1 13		_	Sto	p	am/pm	
		30		Collector(s)	HT	DH				
WATER a. Total	R LEVEL DATA Well Length	: (measure _33.55	ed from To	op of Casing) asing Materia	PUC	Well [	of Water (	Piezomet	er 🛭	 (a-b)
b. Wate	er Table Depth	16.8	4.0	asing Diamet	er_ <u>\"</u>					
	PURGING DAT	Δ				1" - 0.043	2" - 0.171	olume (gallo 4" - 0.652	ons)72	
	a. Purge Met	nod (perista	ıltic, bailer,	pump, etc.) _	Perista	17:0 E	govag			
	b. Acceptance     - Minimum I     - Maximum     - Stabilization	Required Pi Allowable 1	urge Volun Furbiditv	n workplan) ne (@3_	_ well volume _NTUs _%	s)	.(6		=	
	c. Field Testin	g Equipme	nt Used:	Make	Model		Serial Nur	nber		
	d. Field Testi	ng Equipme	ent Calibra	tion Documen	tation Found in	n Field Notel	book#	Page	- #	
	Volume		T	Spec. Cond	Ι	Т	ORP	г——		
Time	Removed (ga		pН	(mS/cm)	DO %	DO (mg/l)		Color	Odor	Other
600		14.46		3.26	_	3.77	-74	browers	Oddi	Other
605		13.54		3,30		2.70	-38	i	8	
610		14.29	6.60	3.89	_	3.22	-94		-	_
		1-1:21	0.01	3,37		2.27	-103	*	-	
										-
						1			INA	
	e. Acceptance	criteria pas	ss/fail	Yes	No	N/A			IIIA	Dilution
	Has require	d volume b	een remov	red 🖺			NO <sub>3</sub>		mg/l	Dilution
	Has require	d turbidity b	een reach	ed 🗌			Mn		mg/l	+
	Have param						SO <sub>4</sub>			
	If no or I	V/A - Expla	in below.			<u> </u>	Fe		mg/l	
	-							57	mg/l	
AMDI E										_
Sampl	e ID Conta	iner Type			altic					<del>-</del> -
291	B-20/201	(4	No. of (	ontainers	Preservation		Analysis		Time	Date
	201		9		HCI	Vac	2		1615	01/19/12
mments										
nature _	41	-11				Date	, ,			<u>.</u>

At - 11 (D)	
Well/Piezo ID:	
Dr ZAT	2
14-301	2

								Stick	C 20 -	2.80
Client: Project Site Loo Weathe		Coffey 300		_ Collector(s	74	DH.	Time: Sta	1/20/12 art	am/pm	
b. Wate	PURGING DA	<u> 736.6</u> h <u>17.4(</u>	d. C	asing Materia	er_/"	f. Calcula 1" - 0.043	ated Well Vol. 2" - 0.171	4" - 0.652	19.21° (	a-b)
	b. Acceptan - Minimum - Maximum - Stabilizar	ce Criteria de Required Po n Allowable T tion of param	efined (fror urge Volun urbidity eters	n workplan)	_ well volume _ NTUs _ %				) .	— ,-
		ing Equipme		Maketion Documer	Model	n Field Notal	Serial Nur		_	
Time	Volume Removed (g		T	Spec. Cond (mS/cm)		DO (mg/l)	ORP (mV)	Color	Odor	Other
0745	.83	17.24	7.14	5.08	-	5.37	-79	brown	34 ~	_
0750	249	17.10	7.18	5.08	1 -	4.89	- 103		_	_
0 (33	299	17.03	7.19	5.10	~	4.35	-117	V	_	
	Has requir Have para	ce criteria pas red volume b red turbidity b meters stabil r N/A - Explai	een remov een reach ized	Yes red 🖾 ed 🔲	No	R R	NO <sub>3</sub> Mn SO <sub>4</sub>	N	mg/l mg/l mg/l mg/l	Dilution
Sample	COLLECTION				taltic		>			•
	B-20/2	ainer Type	No. of (	Containers	Preservation		Analysis		Time	Date
		0,00			HCI	Vec				01/20/11
									0800	
omments	s									
ignature _	31	-4				Date	1/20/	1,2		

	5300000	
Well/Piezo ID:		_
210		
1-4- 21D		

Client: Project Site Loc Weathe	ation:	Clear 1 30		_Collector(s	) T+1 T	——————————————————————————————————————	Time: Sta	/20/12 rt	_am/pm	3-86
a. rotai	LEVEL DATA: Well Length	32.80	<u>1</u> c. C	asing Materia	l bic		of Water C	olumn 15	·B	(a-b)
	er Table Depth URGING DATA a. Purge Metho					1" - 0.043	2" - 0.171	4" - 0.652	ns) 65	
	b. Acceptance - Minimum R - Maximum A - Stabilization	Criteria de lequired Pu Allowable Ti	fined (fron rge Volum urbiditv	workplan)	well volume _NTUs _%					-
	c. Field Testing	g Equipmer	t Used:	Make	Model		Serial Num	ber		
	d. Field Testin	g Equipme	nt Calibrat	ion Documer	ntation Found in	n Field Notel	book #	Page #	<b>#</b>	
Time	Volume Removed (gal)	T° (C/F)	PH 7.59	Spec. Cond (mS/cm)	DO %	DO (mg/l)		Color	Odor	Other
०९३५	. 65	13.57	7.60	1. 29		7.30	- 35	cleari	- 10	_
5946	1.30	14.11	7.55	1. 27	_	5.31	- 79			-
D443	1,95	14.59	7.35	1.04	~	5.55	-74		_	-
		×.								
(	e. Acceptance			Yes	No	N/A		M	NA	Inu e
	Has required	volume be	en remov	ed Yes			NO <sub>3</sub>		ma/l	Dilution
	Has required	turbidity be	en reach	ed 🗌			Mn		mg/l mg/l	
	Have parame					h	SO <sub>4</sub>		mg/l	
	If no or N	/A - Explair	below.			_	Fe		mg/l	<del> </del>
										_
SAMPLE	COLLECTION	:	Method: _	Pes:si	altic	gung				_
Sample		ner Type	No. of (	Containers	Preservation		Analysis		Ti	- T <u>F:</u>
(F-31-	20120120		3		Hel	Úe	Analysis		Time 0445	Date a/20/17
										MEDITO
										<del> </del>
mments				1						
	. 0	1-1	_							-
nature _	7	-1	7			Date	01/20/	2		

**A=**COM

	PF-32B	
Well/Piezo ID:	PB-32B	

	Client: Project N Site Loca Weather	ition:	7.	FAN H Ffegui Ly. 366	الو	Collector(s)	3. W A	LSTON	Date: am/pm Time: Start am/pm Stop am/pm ≤ 70  → Toology am/pm					
L			bre	ote_		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					<b>→</b>	]		
-1-12	a. Total V	Vell Leng	th	30.00	c. Ca	of Casing) sing Material		Well [_] e. Length	of Water C	Piezomete olumn	7. 11 (a-	b) 5Hi	ckup 1.3 ft.	
600	b. Water	r Table De							ted Well Vo 2" - 0.171		ns) <u>0.74</u>	•	, , ++,	
	WELL P	a. Purge	Metho	d (peristalti	c, bailer, ¡	pump, etc.)	develop	. 1 2-	7-12	3 gal	5 remove	ed		
!-8-12	-	<ul><li>b. Accep</li><li>- Minim</li><li>- Maxir</li></ul>	tance ( num Re num Al	Criteria defi equired Pure llowable Tu	ned (from ge Volum rbidity	workplan) e (@ <u>N/A</u> N/A	_well volumes NTUs not ,	) 3 vol	L PM	····	30.10			
		- Stabil	ization	of paramet	ters	NIA	_%	g - 1	,			שומו		
0	ı	c. Field 1	esting	Equipment	t Used:	Make YSI	Model 556 M (	'\$	Serial Num KC	nber -		g WC		
Fi R	inge – poiler	d. Field	Testing	g Equipmen	t Calibrat	ion Documen M 5 /cm€	tation Found in อิง กษา	Field Note	book #	Page #	X C ⋅ U	43 =	0.644	
	Time	Volur Remove	d (gal)		pН	Spec. Cond (mS/cm)		DO (mg/l)	ORP (mV)	Color	Odor	Other	.,	
	1158	a.4	,	13.83	9.16	1.52			53.2	sit silki	brown .no	GII Alo	u ce1/	
	1204	0.4		13.40	7.92	1.823			55,9 51,7	SIF SIF	No	Sample	@ 120H	
-														
L							<u> </u>	J	· · · · · · · · · · · · · · · · · · ·	L	/NA	L	1 1	
		•		criteria pas		Yes	No	N/A			Dilution			
			•	l volume be					NO <sub>3</sub>		mg/l			
			· ·	l turbidity be		ned 🗆			Mn SO₄		mg/l			
			•	eters stabili I/A - Explaii		LJ	L.J		Fe Fe		mg/l mg/l			
2-8-1	<u>ہ</u>									· · · · · · · · · · · · · · · · · · ·		•		
(-D-)	SAMPLI	E COLLE	CTION	l:	Method:	bailer	botton	emp.	Ьу			•		
[	Samp	le ID		ner Type		Containers	Preservation		Analysis		Time	Date		
-	PF3	<u> 28</u>		clear lass		3 - 40ml	HŒ				1204	2-8-12		
					***************************************									
	Commen	ts	pes	t-samp	ple -	remove fellowing	appell	o pail	ers wa 20,95	ter/su	rge W/ha	iler to	ve-develop	
;	Signature						J ( -	Date						

Well/Piezo ID:	PF.	32	B

	Client: Project No Site Locati Weather C	): <u>(0</u>	ean Hark 024027 offeyvillo oudy; 30	5	Collector(s)	S.Wals			ar			
1600	a. Total W	ell Length	: (measured f <u>30.00</u> 12.89	c. Cas	of Casing) sing Material sing Diameter	<u>PVC</u> - i"		of Water Co ed Well Vol	Piezometer Jumn 17 Jume (gallons 4" - 0.652	(a-b	)	
2-7-12	á	a. Purge Met b. Acceptanc - Minimum - Maximum	hod (peristaltice e Criteria defir Required Purç Allowable Tur on of paramet	e, bailer, p ned (from ge Volume bidity	ump, etc.)	3 gak rei Xirflow well volumes) NTUs %	noved;	agita	te WC /lowe	. by re r tal altic p	iversir birag ump	'S )
		etow tow beet bleet	ng Equipment ir qualit er (e) ing Equipmen	y ; el w t Calibratio	eter:	Model 556 MPS He ron ation Found in F	ZOO' Field Notebo	Serial Num	 Page #_	્ ાય ૦	8 1vol	0.644
2-8-1		Volume	T° (C/F) 13.83 13.57 13.40 13.45	pH 8.16 7.99 7.92	Spec. Cond (mS/cm) 1.271 1.521 1.649 1.823	PO%	DØ (mg/l)	ORP (mV) 56.0 53.2 55.9 51.7	Color	Odor No No No	Other (Fill flow	gal wcell)
,		Has requi Has requi Have par	ce criteria pas red volume be red turbidity b ameters stabili or N/A - Explai	en remov een reach zed	· · · · · ·	No	N/A	NO <sub>3</sub> Mn SO <sub>4</sub> Fe	IV.	mg/l mg/l mg/l mg/l	Dilution	
2-8-17	Samp	32B 4				Preservation		Valu Analysis by 83		Time 1204	Date 2-8-12	
(	Cianatura	7	ost-sam n bail Wala stalbed	Mor		ve approlevelop	Date		ers sil er ve 3-12	ty wat	er \$ _ 20.95	) >

Well/Piezo ID: PF-33B

Client: Project No: Site Location: Weather Conds:	Coffey ville  Cloudy 30's wind Collector(s)  It north					Date: Time: Start am/pm Stop am/pm					
water Level [ a. Total Well Leng b. Water Table D	gth <u>27.00</u>	2 c. C	asing Materia	at PVC		h of Water (		14,2 (			
WELL PURGING	DATA DATA		asing Diamet ト ユーフー\つ pump, etc.)		1" - 0.043	3 2" - 0.171	4" - 0.652		-		
- Maxir - Stabi	Method (peristalt otance Criteria def num Required Pur mum Allowable Tu lization of parame	ge volum irbidity ters	n workplan) ne (@	well volume _ NTUs _ %	s)	WLM 3 vol 3 ticton	001	lipper-T	726.	6	
Purge d. Field	Testing Equipmen Testing Equipmer		Make <u>YST</u> ion Documer	Model SS6 N		Serial Nun	· 		10.	1 1 x 0	
Time Removed	ne d (gal) T° (C/F)	рН	Spec. Cond (mS/cm)		DO (mg/l)	ORP	Color	Odor	Other	0,41	
1305 1.0 1307 1.5 1310 2.0 1312 2.3	13.63 13.55 13.43	7.60	5.360 2.406 5.406 5.427			43.2 44.5 47.1 48.6	clear clear	,		Pcell	
						[6,6	cker	Sample	e 131	a,	
Has re Has re Have р	tance criteria pass quired volume be quired turbidity be parameters stabiliz no or N/A - Explain	en remov en reach red	Yes ed	No		NO <sub>3</sub> Mn SO <sub>4</sub> Fe	N	mg/l mg/l mg/l mg/l	Dilution		
SAMPLE COLLEC		Method: _	bailer	r, bottor	n enp	,ty					
Sample ID (	Container Type 40ml	No. of C	Containers	Preservation H(0		Analysis		Time 1312	Date 2-8-12		
Comments	post-sampl	e -14	2 develop								
Signature					Date						

Well/Piezo ID: PF-33B

	Client: Clean Harbors Date:								lm/pm n/pm				
700	a. Total V b. Water	Vell Lengt Table De	h _ pth _		c. Cas	sing Material sing Diameter	<u></u>	f. Calculate	of Water Co ed Well Volu 2" - 0.171	ume (gallons 4" - 0.652	1-2 (a-b) s) 6-61		
2-7-12	1"-0.043 2"-0.171 4"-0.652  1"-0.043 2"-0.171 4"-0.652  1"-0.043 2"-0.171 4"-0.652  1"-0.043 2"-0.171 4"-0.652  1"-0.043 2"-0.171 4"-0.652  1"-0.043 2"-0.171 4"-0.652  1"-0.043 2"-0.171 4"-0.652  1"-0.043 2"-0.171 4"-0.652  2												
2-8-1		d. Field Volur	tev Festing Pur ne	Equipment of the second	met Calibration	Make  15.1  ev: 14e  on Documenta  Cley  Spec. Cond  (mS/cm)	Model 556 M 2 ron 20 ation Found in TD 26.1	PS 50' Field Notebo	Serial Num		NC 10.7		
	1300 1305 1307 1310 1312	0.5 1.0 1.5 2.0 2.3		13.61 13.63 13.55 13.43	PH - 7.76 7.68 7.55 7.49	5.360 2.805			- 43.2 44.5 47.1 48.6	clear clear sit.silty Clear clear	 No No No	Gil fl	
		Has re Has re Have	equired equired param	criteria pass I volume be I turbidity be eters stabiliz I/A - Explair	en remov een reach zed	· · · · · · · · · · · · · · · · · · ·	No D	N/A	NO <sub>3</sub> Mn SO <sub>4</sub> Fe	N N	mg/l mg/l mg/l mg/l mg/l	Dilution	
2-8-12	Sam	E COLLE	Conta	iner Type	No. of		Preservation		Analysis	enp 60B	Time 1312	Date よー名-12	
(	Signatur	e Z	Wa	ilsku		y well	nove agencies;	PPYDX.  Date	10 bo	er re		L -not	t measured, ge nation;

Well/Piezo ID:	
MW-11B	

#### **Ground Water Sample Collection Record**

Well     Pezometer	roject No: 6034 COFFE	Harbors 0275 4200 FYVIUE Collector(s)	Date: 12/16/2011 Time: Start 0823 (am) pm Stop 0954 (am) pm					
a. Purge Method (peristatic, bailer, pump, etc.) DEDICATED POLY TUBING, WATERRA VALVE  b. Acceptance Criteria defined (from workplan) - Minimum Required Purge Volume (® 3 well volumes) - Maximum Allowable Turbidity - Stabilization of parameters - ID %  c. Field Testing Equipment Used: Make Model Serial Number - VSI (\$50 MDS Gettech 2664*)  d. Field Testing Equipment Calibration Documentation Found in Field Notebook # NA Page #  Time Removed (gal) T* (CF) pH (mS/cm) DO % DO (mg/l) (m/l) Color Odor Other - 10823 In That I6 +18 7,114 8-18 59.7 5-13 - 215 Clear If the brown in 0 odor - 10812 In That I6 +18 7,114 3-18 59.7 5-13 - 215 Clear If the brown in 0 odor - 10812 In That I6 +18 7,114 3-18 59.7 5-13 - 215 Clear If the brown in 0 odor - 10812 In That I6 +18 7,114 3-18 59.7 5-13 2-15 Clear If the brown in 0 odor - 10812 In That I6 +18 7,114 3-18 59.7 5-13 2-15 Clear If the brown in 0 odor - 10812 In That I6 +18 7,114 3-18 3-19 1-19 1-19 1-19 1-19 1-19 1-19 1-19	Total Well Length 33.	.08' c. Casing Material	PVC		of Water C	4 40%	14 - 41	b)
a. Purge Method (peristatic, bailer, pump, etc.) DEDICATED POLY TUBING, WATERRA VALVE  b. Acceptance Criteria defined (from workplan) - Minimum Required Purge Volume (® 3 well volumes) - Maximum Allowable Turbidity - Stabilization of parameters - ID %  c. Field Testing Equipment Used: Make Model Serial Number - VSI (\$50 MDS Gettech 2664*)  d. Field Testing Equipment Calibration Documentation Found in Field Notebook # NA Page #  Time Removed (gal) T* (CF) pH (mS/cm) DO % DO (mg/l) (m/l) Color Odor Other - 10823 In That I6 +18 7,114 8-18 59.7 5-13 - 215 Clear If the brown in 0 odor - 10812 In That I6 +18 7,114 3-18 59.7 5-13 - 215 Clear If the brown in 0 odor - 10812 In That I6 +18 7,114 3-18 59.7 5-13 - 215 Clear If the brown in 0 odor - 10812 In That I6 +18 7,114 3-18 59.7 5-13 2-15 Clear If the brown in 0 odor - 10812 In That I6 +18 7,114 3-18 59.7 5-13 2-15 Clear If the brown in 0 odor - 10812 In That I6 +18 7,114 3-18 3-19 1-19 1-19 1-19 1-19 1-19 1-19 1-19	. Water Table Depth	d. Casing Diamete	r_4"	f. Calculat	ed Well Vo	lume (gallons	(17.45)	(.652)=11.3
a. Purge Method (peristatic, bailer, pump, etc.) DEDICATED POLY TUBING, WATERRA VALVE  b. Acceptance Criteria defined (from workplan) - Minimum Required Purge Volume (@ 3 well volumes) - Maximum Allowable Turbidity - Stabilization of parameters - In work with the stabilization of parameters - C. Field Testing Equipment Used:    Make	/FLL PURGING DATA	OC		1" - 0.043	2" - 0.171	4" - 0.652		1 volun
- Minimum Required Purge Volume (@ 3 well volumes) 33.9 gallons - Maximum Allowable Turbidity N/A NTUS - Stabilization of parameters 10 %  c. Field Testing Equipment Used: Make Model Serial Number VSI 650 MDS GeoTech 2 leb 4  d. Field Testing Equipment Calibration Documentation Found in Field Notebook # NM Page #	a. Purge Method (pe	eristaltic, bailer, pump, etc.)	DEDICATED	POLY -	TUBING	WATER	RAVAL	VE
VSI (650 MDS   GeoTech 2664	- Minimum Requir - Maximum Allowa	ed Purge Volume (@	_NIUS	33,9	gallons			
Volume	c. Field Testing Equ			Ge	Serial Nur Tech 2	mber		
Time Removed (gal) T° QF) pH (mS/cm) DO % DO (mg/l) (mV) Color Odor Other D823 Injtinal 16.48 7.14 3.68 59.7 5.63 -21.5 Clear/H brown, no Odor D842 5 16.97 6.98 3.87 5.72 4.77 -1.9 H brown, no Odor D842 5 16.97 6.98 3.87 5.22 4.77 -1.9 H brown, no Odor D842 5 16.97 6.98 3.87 5.22 4.77 -1.9 H brown, no Odor D842 5.5 16.97 6.98 3.87 5.2 4.77 -1.9 H brown, no Odor D842 5.5 16.97 6.98 3.97 21.1 2.00 8.1 slightly rloudy D920 20 17.17 6.90 3.89 46.0 2.34 14.1 slightly rloudy D920 20 17.17 6.90 3.89 46.0 2.34 14.1 slightly rloudy D935 25 14.51 6.84 4.179 30.1 1.96 3.7 slightly rloudy D941 30 15.10 6.86 3.725 30.2 3.07 0.2 slightly rloudy D941 30 15.10 6.84 4.001 26.5 2.51 6.8 slightly rloudy D941 34 16.10 6.84 4.001 26.5 2.51 6.8 slightly rloudy Has required turbidity been reached Mas required turbidity been reached Mnn mg/l Have parameters stabilized Mnn mg/l Fe mg/l S04 mg/l Fe mg/l Mn mg/l S04 mg/l Fe mg/l Mn mg/l Mnn mg	d. Field Testing Equ	uipment Calibration Document	ation Found in F	Field Notebo	ook # NA	Page #		
16.97   16.97   16.98   3.87   53.2   47.77   -1.9   14. brawn   17.15   7.26   3.89   46.2   3.99   -15.7   Clear   faint cloud   17.15   7.26   3.89   46.2   3.99   -15.7   Clear   faint cloud   17.17   16.90   3.89   86.0   2.34   14.1   19.1   Slightly cloud   17.17   16.90   3.89   86.0   2.34   14.1   Slightly cloud   17.17   Slightly cloud   17.17   17.1	Time Removed (gal) T°	(mS/cm)	DO %		(mV)			
17.15	0823 Initial 16					14 brau	brown,	no ogor
17.17   6.90   3.89   8b.0   2.34   14.1   Slightly cloudly     0935   25	0859 10 17	7.15 7,26 3,89	46,2	3,98	-15.7			Ŋ
1.90   3.7   14.51   6.84   4.179   30.1   1.90   3.7   51/9hff   10/00						1 - 1 - 1 - 1 - 1 - 1	. /	/
15.10   6.86   3.725   30.2   3.07   0.2   3.11411   10.00						11/ 11/	/	
e. Acceptance criteria pass/fail  Has required volume been removed  Has required turbidity been reached  Have parameters stabilized  If no or N/A - Explain below.  Sample ID  Container Type  No. of Containers  Preservation  Analysis  Time  Date  MW-118-2011 216  VOA  3  None  8260 SIM  Dilution  NO3  Mg/I  SO4  Mg/I  Fe  Mg/I  Fe  Mg/I  Date  NO6  1000  12/16/11  NO7  NO8  NO9  NO9  NO9  NO9  NO9  NO9  NO9	0947 30 15		30.2	3.07	0.2		cloudy	
e. Acceptance criteria pass/fail  Has required volume been removed  Has required turbidity been reached  Have parameters stabilized  If no or N/A - Explain below.  Sample ID  Container Type  No. of Containers  Preservation  Analysis  Time  Date  MWD-101 pile  VOA  3  None  8260 SIM  Dilution  NO3  mg/l  Mn  mg/l  Fe  mg/l  Fe  mg/l  Fo  My/A  None  8260 SIM  Doo  1000  12/16/11  1000  12/16/11  NOA  None  8260 SIM  Doo  1000  12/16/11  NOA  None  8260 SIM  N	0954 34 16	.10 6.84 4.001	26.5	2.51	6.8			SAMPLED 10
Has required volume been removed Has required turbidity been reached Have parameters stabilized If no or N/A - Explain below.  Sample ID Container Type No. of Containers  None 8260 SIM   1000   12/16/11	e Accentance crite	eria pass/fail Yes	No	N/A		IVI	INA	Dilution
Has required turbidity been reached Have parameters stabilized If no or N/A - Explain below.  SAMPLE COLLECTION: Method: Waterra direct to VOA  Sample ID Container Type No. of Containers Preservation Analysis Time Date No. of Container Salo Sim 1000 12/16/11  MWD-1011216 VOA 3 None 8260 SIM (Duplicate) 1100 12/16/11  TripBlank-2011216 VOA 4 None 8260 SIM N/A N/A					NO <sub>3</sub>		mg/l	
SAMPLE COLLECTION: Method: Waterra direct to VOA  Sample ID Container Type No. of Containers Preservation Analysis Time Date  MW-118-2011 216 VOA 3 None 8260 SIM 1000 12/16/11  MWD-2011 210 VOA 3 None 8260 SIM (Duplicate) 1/00 12/16/11  Trip Blank-2011 216 VOA 4 None 8260 SIM (Duplicate) 1/00 12/16/11  Trip Blank-2011 216 VOA 4 None 8260 SIM N/A N/A		bidity been reached		<b>X</b>	Mn			
Sample ID Container Type No. of Containers Preservation Analysis Time Date  MW-118-2011 216 VOA 3 None 8260 SIM 1000 12/16/11  MWD-2011 210 VOA 3 None 8260 SIM (Duplicate) 1100 12/16/11  Trip Blank-2011 216 VOA 4 None 8260 SIM N/A N/A  Comments LAB=ACCUTEST	Have parameters	s stabilized			SO <sub>4</sub>		mg/l	
Sample ID Container Type No. of Containers Preservation Analysis Time Date  MW-118-2011 216 VOA 3 None 8260 SIM 1000 12/16/11  MWD-2011 216 VOA 3 None 8260 SIM (Duplicate) 1/00 12/16/11  Trip Blank-2011 216 VOA 4 None 8260 SIM N/A N/A	If no or N/A -	Explain below.			Fe		mg/l	
Sample ID Container Type No. of Containers Preservation Analysis Time Date  MW-118-2011 216 VOA 3 None 8260 SIM 1000 12/16/11  MWD-2011 216 VOA 3 None 8260 SIM (Duplicate) 1/00 12/16/11  Trip Blank-2011 216 VOA 4 None 8260 SIM N/A N/A					T.			_
MW-118-2011216 VOA 3 None 8260 SIM 1000 12/16/11 MWD-2011216 VOA 3 None 8260 SIM (Duplicate) 1100 12/16/11  TripBlank-2011216 VOA 4 None 8260 SIM N/A N/A	SAMPLE COLLECTION:	Method: Water	ra direct	to vo	A			_*
MW-118-2011216 VOA 3 None 8260 SIM 1000 12/16/11 MWD-2011216 VOA 3 None 8260 SIM (Duplicate) 1100 12/16/11  TripBlank-2011216 VOA 4 None 8260 SIM N/A N/A	Sample ID Container	Type No. of Containers	Preservation		Analysis		Time	Date
MWD-2011A16 VOA 3 None 8260 SIM (Duplicate) 1100 12/16/11  TripBlank-2011A16 VOA 4 None 8260 SIM N/A N/A  Comments LAB=ACCUTEST	1W-11B-20111216	VOA 3	None	8260	SIM			
Comments LAB=ACCUtest	1WD-2011 216	VOA 3	None	8260 S	M (DL	plicate)	1100	12/16/11
Comments LAB=ACCUtest								
Comments LAB=Accutest	rip Blank - 20111216	VOA 4	None	8260 S	IM		N/A	N/A
	comments LAB=A	Accutest						

DUPLICATE = MWD-20111216 TIME=1100 **A***E***<b>COM** 

Well/Piezo	ID:
	MW-30B

Client: Cream Harto Project No: Site Location: Coffeyville Weather Conds: 30°		110	Collector(s) TH			Date: OL/13/12 Time: Start am/pm Stop am/pm						
WATER LEVEL D				of Casing) sing Material		Well 🔀 e. Length	of Water Co	Piezomete	r 🔲 (a-	b)		
b. Water Table D		16.77	d. Ca	sing Diameter	2	f. Calculate 1" - 0.043	ed Well Vol 2" - 0.171	ume (gallon 4" - 0.652	s)			
WELL PURGING a. Purge	Method	l (peristaltic	, bailer, p	ump, etc.)	Check	valu	e / 1	3 eq i fe	<u> </u>			
- Minir - Maxi	mum Red mum Alle	riteria defin quired Purg owable Tur of paramete	e Volume bidity		well volumes) _ NTUs %		20 TO TO TO TO TO TO TO TO TO TO TO TO TO			¥		
c. Field	Testing E	Equipment	Used:	Make	Model		Serial Num	ber				
d. Field	Testing	Equipment	Calibration	on Documenta	ition Found in F	ield Notebo	ok #	Page #_	<del> </del>			
Time Remove		T° (C/F)	pH 7.57	Spec. Cond (mS/cm)	DO %	DO (mg/l)	ORP (mV) ~( O. 3	Color	Odor	Other		
1100		60.05	7.50	915	39.3 3×.7	3.91	0.00					
1110		62.51	7.31	919	31,6	3,60	-3.6					
										1		
							17					
									MNA			
		riteria pass		Yes ed 🗵	No	N/A	110			Dilution		
		volume bed turbidity be					NO <sub>3</sub> Mn		mg/l	-		
		ters stabiliz					SO <sub>4</sub>		mg/l mg/l			
		/A - Explair			_		Fe		mg/l			
							a <sup>*</sup>		19			
SAMPLE COLL					k valu	,				7) 		
Sample ID	Contair	ner Type					Analysis		Time	Date		
MW-30B-2	0120	113		0	Hal None	- 1,4	D;ox	Voc	1115	01/13/12		
Comments	MU	W-30	Ą	16.48	DTW							
Signature	ne	- 18			<i>5</i>	Date	(/13/1	2.				

Well/Piez	o ID:	
	MW-	39B

Site Lo	Project No: Date:						Time: Sta	art	_ am/pm _ am/pm	
a. Total	R LEVEL DAT Well Length er Table Dept	_36.7	<u>c.</u> c. c	asing Materi	al <u><u></u><u></u> <u> </u></u>				16.4	
	PURGING DA					1" - 0.043	2" - 0.171	4" - 0.652	ons) 2.80	<u> </u>
a. Purge Method (peristaltic, bailer, pump, etc.) Check										_
	c. Field Test	ing Equipme	ent Used:	Make	Model		Serial Nur	mber		
		ting Equipm	ent Calibra	tion Docume	ntation Found i	n Field Note	book#	Page	- #	
Time 1335 1340	Volume Removed (g	59.98	3	Spec. Cond (mS/cm)	DO %	DO (mg/l)	ORP (mV)	Color	Odor	Öther
13\$5	2.80	55.22	6.97	2930	38.5	3.79	48.6	- I	-	_
1350	8.41	88.FZ	6.97	3046		3.43	47.5	<b>V</b>		-
	e. Acceptano	e critoria no	00/6=:1					N	INA	
	Has requir	ed volume b	ss/iaii een remov	red Pes	No 🗆	N/A	NO			Dilution
	Has requir	ed turbidity I	een reach	ed 🗆		-	NO <sub>3</sub> Mn		mg/l	
	Have para	meters stab	lized				SO <sub>4</sub>		mg/l mg/l	
	If no or	N/A - Expla	in below.			1	Fe		mg/l	
										_ :
SAMPLE	COLLECTIO	ON:	Method:	Chec	K value					-
Sampl	e ID Cont	ainer Type	No. of (	Containers	Preservation		Analysis		Time	
Mw.3	18-2012	1110	6		Hel None			Voc	1400	Date 01/17/12
										-11.41.6
omments	omments									
ignature _	1/	1	2_			Date <u>O i</u>	/17/12			

Well/Piez	zo ID:	***************************************
	MW-3	8:13

Client: Project No: Site Locatio Weather Co	n:	Clear 25°			) _ DH		Time: St	op	_am/pm am/pm	
b. Water Ta	II Length  Able Depth	17.8	o. c. c	op of Casing Casing Materia Casing Diame	90C	f. Calcula 1" - 0.043	of Water of ted Well V 2" - 0.171	Piezomete Column olume (galloi 1 4" - 0.652	8.0	
b - - -	Acceptance Minimum F Maximum / Stabilizatio	e Criteria de Required Pr Allowable 1 n of param	efined (from urge Volum Turbidity eters	m workplan) ne (@3_	well volume _NTUs _ %					_
	Field Testing			Maketion Documer	Model ntation Found i	n Field Notel	Serial Nui		i	
1530 1535 1540	Volume moved (gal) 0 3.08 6.16 9.23	7° (C/F) 57.62 56.11 56.02 55.98		Spec. Cond (mS/cm) (653 1603 1567 1584	DO % 23.6 22.7 22.9 23.6	DO (mg/l) 2.42 2.48 2.45	19.4	Color	Odor	Other
				(30)	23.0	2.44	18.9	V		-
H H	Acceptance Has required Has required Have param If no or N	d volume b	een remov een reach lized	Yes ved 🗮 led 🗌	No 	N N	NO <sub>3</sub> Mn SO <sub>4</sub> Fe	M	mg/l mg/l mg/l mg/l	Dilution
SAMPLE CO			Method:	Check	· value					-
Sample ID	Contai	ner Type	No. of (	Containers	Preservation		Analysis	00.5	Time 15 50	Date Oi/17/12
Comments	-10	//								
Signature	The	1		*		Date	7/17	-/12		

Well/P	iezo ID:	
	SP-12	

Client: Project Site Loo Weathe		Clean Coffer 50°		_Collector(s	HT_(	D+1	Date: <u>c</u> Time: Sta	art	_ am/pm _ am/pm		
a. Tulai	R LEVEL DATA Well Length er Table Depth	729.6	-1 c. C	asing Materia	PUC_	_	of Water		14.04		
	PURGING DAT				cleck	1 - 0.043	2" - 0.171	4" - 0.652	ons) <u>2.40</u>	<u> </u>	
	<ul><li>b. Acceptant</li><li>- Minimum</li><li>- Maximum</li></ul>	e Criteria de	fined (fron irge Volun urbidity	n worknian)	well volume _NTUs _%		1			_	
c. Field Testing Equipment Used: Make Model Serial Number											
d. Field Testing Equipment Calibration Documentation Found in Field Notebook # Page #											
Time	Volume Removed (ga	56.38	6.68	Spec. Cond (mS/cm) 2520	DO %	DO (mg/l)	ORP (mV)	Color	Odor	Other	
1455			6.68		8.9	. 84	9.8	הרשטתו	4		
1505		61.55	6.48	2716	14.7	1.40	10.2		_		
			4.70	2801	12.3	1.21	9.3	V			
										-	
										+	
						,					
8	e. Acceptance	e criteria pas	s/fail	Yes	No	N/A		, N	INA		
	Has require	ed volume be	en remov	ed 🗵			NO <sub>3</sub>			Dilution	
	Has require	ed turbidity be	een reach	ed 🗆		<b>(-)</b>	Mn		mg/l		
		meters stabili					SO <sub>4</sub>		mg/l		
	If no or	N/A - Explain	n below.				Fe		mg/l		
									mg/l		
	-									<del>-</del>	
	COLLECTIO	N:	Method: _							-	
Sampl	e ID Conta	ainer Type	No. of C	Containers	Preservation		Analysis		Times		
P-12-	20120110	)	.2		HCI		OC.		Time 1510	Date	
P-12-	MS-2012 MSD-20	0110		3	Hel		00		1510	01/10	
,	7-30-20	3120110		2	Hel	V	OC		1510	01/10	
										-	
omments		salty	botto	su .							
gnature_	30	4			ı	Date	1/10	/12			

Well/Piezo ID:	
TOTAL TOZO ID.	
JF-13	
0, , ,	

9

Client: Project No Site Location Weather C	on:	lean offerv.			)_ <del>_</del> _H	DH	Time: Sta	p	_am/pm am/pm	
WATER LE a. Total We	EVEL DATA: ell Length	(measure	d from To ← c. C	p of Casing) asing Materia	) al <u>Puc</u>	Well ⊠ e. Lengti	of Water (	Piezomete	er 🔲 5.54 (	 a-b)
WELL PUR	able Depth	V			ter	f. Calcula 1" - 0.043	ated Well Vo		ns) 2.60	
b.	Acceptance	Criteria de Required Pu Allowable T	fined (fron irge Volum urbidity	workplan)	_ well volume _ NTUs _ %	1				-
c.	Field Testing	g Equipmer	nt Used:	Make	Model		Serial Nur	mber		
d.		g Equipme	nt Calibrat	ion Documer	ntation Found in	n Field Note	book#	Page #	<i></i>	
Time Re	Volume emoved (gal)	60.44	6.58	Spec. Cond (mS/cm)	DO %	DO (mg/l)	ORP (mV)	Color Vellou si	Odor	Other
	5.31	60.74		1981	7.9	177	83,4	1	~	-
	7.97	CO. 39	5.80	2006	12.2	1.17	75.5	1		-
е.	Acceptance	criteria pas	s/fail	Yes	No	N/A		M	NA	Dilution
	Has required	volume be	en remov	ed 🖾			NO <sub>3</sub>		mg/l	Dilution
	Has required Have param	eters stabili	een reach	ed 🗌			Mn		mg/l	
		I/A - Explaii		ш	Ш	SO <sub>4</sub>			mg/l	
							Fe		mg/l	
SAMPLE CO	OLLECTION	:	Method: _	Check	= Dalve					-
Sample II		ner Type	No. of C	Containers	Preservation		Analysis		Time	
P-13-7	MOZON	CO	′3		HCI	1	Jucs		Time 1600	Date OV/VO
mments							-			
gnature	36	4				Date	1/10/	12		

144 115	
Well/Piezo ID:	
SP-14	00000

Client: Project Site Lo Weathe		C	lear offey ss°				7 D1	Time: Sta Sto	ilioliz art p	am/pm	
a. Total	R LEVEL D Well Leng er Table De	th	31.9	c. C	op of Casing Casing Materia	) al <u>Puc</u> ter 2		h of Water (		15.51	(a-b)
WELL F		Metho	od (perista	ltic, bailer,	pump, etc.)	Checl	1" - 0.043	3 2" - 0.171	4" - 0.652	ons)	_
	- Minim - Maxim	um R num A	Criteria de equired Pu Illowable T of parame	irge Volun urbiditv	n workplan) ne (@3	well volume _NTUs _%	es) <u>7.</u>	96		-	
	c. Field To	esting	Equipmer	nt Used:	Make	Model		Serial Nur	nber	_	
	d. Field T		g Equipme	nt Calibra	tion Docume	ntation Found i	in Field Note		Page	#	
Time 1340 /345	Removed 2.6	0	T° (C/F)	6.55	(mS/cm) 230 7	DO %	DO (mg/l)	48.0	Color	Odor	Other
1350	5.3		60.51		2357	15.9	1.53	-22.0		-	-
1355	8.0		60.52	6.51	3014		1.48	-27.9		-	
	-										
	A Accort				200					MNA	
	e. Accepta		volume be		Yes	No	N/A		·		Dilution
	Has red	uired	turbidity be	en remov	red 🗵			NO <sub>3</sub>		mg/l	
			ters stabili		ed 🗌		M	Mn		mg/l	
			/A - Explaii			Ш	<b>B</b>	SO₄		mg/l	
							l	Fe		mg/l	
SAMPLE	E COLLEC		er Type			eck.		Boile	U		- - -
SP-14-	20120	2110	, let Type	140.01	Containers	Preservation		Analysis		Time	Date
							Voc			1400	01/10
Comments	5 _										
Signature	7	l	1				Date	91/10	12		

zo ID:	
20 15	
26-12	
	zo ID: SP-15

Client: Project Site Loc Weathe		C	Clean offer 30			H (	- DH	Time: Start Stop			
a. rotar	vveil Le er Table PURGIN	Depth	7 (6.5) 4 32.58	_ c. C _ d. C		)   PVC	f. Calcula 1" - 0.043	ated Well Vo	olume (gallo 4" - 0.652	5.64 ins) 2.6	
b. Acceptance Criteria defined (from workplan)  - Minimum Required Purge Volume (@											
	c. Field	d Testing	g Equipmer	t Used:	Make	Model		Serial Nur	nber		
d. Field Testing Equipment Calibration Documentation Found in Field Notebook # Page #											
Time 1135	Remov		58.71	6.10	Spec. Cond (mS/cm)	DO %	DO (mg/l)	ORP (mV)	Color	Odor	Other
1145	2.0	40	57.55	6.17	1323 4701	37.0	3,74	111.6		-	_
1150	8.0	って	59.67		4686	12.5	1.23	121.9	1	_	
											_
				00 aaaan oo 1800 00 aa							
	e. Acce	eptance	criteria pas	s/fail	Yes	No	NI/A		M	INA	
	Has	required	volume be	en remov	red 🔼		N/A	NO <sub>3</sub>			Dilution
	Has	required	turbidity be	en reach	ed 🗌		M	Mn		mg/l	-
			eters stabili					SO <sub>4</sub>		mg/l mg/l	
	li	no or N	I/A - Explair	n below.			Fe		mg/l		
										<b>J</b>	
SAMPLE	COLLI	ECTION	:	Method: _							_
Sampl		Contair	ner Type	No. of C	Containers	Preservation		Analysis		Tie	
58-15-	20120	110			3	HCI HCI	١	Joc		Time	Date O(/co/cz
JE 13 D	9-201	-0116			5	HCI		Joc		1255	01/10/12
											/
Comments	3	5	R-15I	) 15	dup	of SP-	15				
Signature	7		1				DateD(	10/12			

Well/Piezo ID:	
SP-16	

Client: Project No: Site Location:			1001		Date: <u>O\ / \co</u> am/pm					
Weather Conds:	Coffey 30°	Ustle	Collector(s	HT_(	DH	Sto	р	am/pm		
WATER LEVEL I a. Total Well Len	DATA: (measu gth 34.	red from To	op of Casing Casing Materia	PVC	Well ⊠ e. Length	of Water (	Piezomete	er 🗆 8-5	 (a-b)	
b. Water Table D	Depth 16.	d. C	Casing Diame	ter	f. Calcula	ited Well Vo	olume (gallo	ns) 3.16	1) f	
WELL PURGING	DATA				1" - 0.043	2" - 0.171	4" - 0.652		<del></del> -	
a. Purge	Method (peris	altic, bailer	, pump, etc.)	Cleck	Value	/ Bai	les			
- Minir - Maxi	ptance Criteria on mum Required I mum Allowable ilization of para	<sup>o</sup> urge Volur Turbiditv	m workplan) ne (@3	well volume _ NTUs _ %	s)Q.~	49				
c. Field	Testing Equipm	ent Used:	Make	Model		Serial Nur	nber			
d. Field	Testing Equipm	ent Calibra	tion Documer	ntation Found i	n Field Notel	book #	Page	- #		
Volur Time Remove			Spec. Cond		T	ORP	T			
Time Remove	d (gal) T° (C/F		(mS/cm) 5\32	DO %	DO (mg/l)		Color	Odor	Other	
,	57.2	0 6.06	8416	17.6	1.18	115.4	של היישון		_	
1100 9.0	58.7		5355 5511	11,7	1.15	1100.1		_		
		6.(1	3311	18.2	1.61	116.9	V	-	-	
		-								
					<u> </u>					
e. Accep	tance criteria pa	ass/fail	Yes	ME			M	INA		
Has re	equired volume	been remov	ved	No 🗆	N/A	NO <sub>3</sub>			Dilution	
Has re	equired turbidity	been reach	ned 🗆			Mn		mg/l	<del> </del>	
	parameters stat				V-3	SO <sub>4</sub>		mg/l mg/l	<del> </del>	
11.1	no or N/A - Expl	ain below.			[	Fe		mg/l		
_										
SAMPLE COLLEC	CTION:	Method:	Chec	K Val	we					
Sample ID (	Container Type	No. of	Containers	Preservation		Analysis			<del>-</del>	
P-16-201201	110			the None	1,4 D	Analysis	Vocs	Time	Date	
								1100	01/10	
omments			1							
gnature	ef	7			Date	1/10/	12		•	

Table 4-3 Sampling Frequency and Analyses Clean Harbors Coffeyville, LLC Facility Coffeyville, Kansas

			T	Sampling Detail (Analysis and Method Number)							
Sam	ا ماه		F				Cations -	-			
. 1	11		Monitoring	VOCs	Iron	Chloride	(Ca, Na, K, Mg)	Alkalinity	DO/ORP		
Date	SMIT	Well/Piezometer	Frequency	8260	6010	300	6010	310	Field		
4/25	1315	MW-6B DUC		X			<u> </u>		X		
4124	1510	MW-7B	annuai	X		1 :	-		$\frac{\hat{x}}{\hat{x}}$		
4/23	1635	MW-8B	biannual	X	-			-	X		
4/25	7230	MW-10B	biannual	X X	<u> </u>				X		
4125	0455	MW-11B <b>DUQ</b> MW-12B <b>DUQ</b>	Annual 3	$-\hat{x}$		···			X		
4125	1405	MW-12B	biannual	<del>X</del>					X		
7402	1550	MW-20B	biannual	X					X		
4/24 -4/23	1605	MW-21B	biannual	X					X		
-3/22	1/25/2	MW-24B	biannual	X					X		
1137	1656 1630	MW-26B	biannual	X					X		
33	<b>Y</b> \$11	MW-28A	biannual	X					X		
4722	1105	MW-28B	annual	X					X		
ממוני	1615	MW-29A	biannual	X					X		
u/31	1545	MW-29B	annual	X		<u> </u>	<u> </u>	<u> </u>	X		
	1010	MW-30A	biannual	X			<del> </del>		X		
4723 VI23	1095	MW-30B	annual	X			<u> </u>		×		
4/33	162	MW-31A	biannual	X			<u> </u>	·	X		
4/22	1315	MW-31B	annual	X		·	<del> </del>		<del>x</del>		
4/22	1455	MW-32B	annual	X			<del> </del>		<del>x</del>		
4/22	1435	MW-33B	annuai	X				-	x		
4122	1348	MW-34B	annual	X					X		
7122	1340	MW-35B	biannuai	X				1.10	X		
4/23	1750	MW-36B	annual	X		-		· · ·	X		
4/23	13,20	MW-37B	annual	X					X		
4/22	バゲシ	Adams-A	annual biannual	- x					X		
7/24	1435	PF-9A PF-9B	annual	X				·····	X		
The state of the	1335 1335 1235 1235	PF-13B	annual	X					X		
4/33 4/34 4/34	4872	PF-13B	annual	x					X		
4/26	محما	M-1	biannual	<del>-</del> x	X	X	Х	X	X		
4/26		M-2 .	annual	X	X	X	X	X	X		
7/28	1400	M-3	biannual	X					X		
- <del>3/3</del> 0	1135	M-4 ،	annual	X					X		
	laio	M-5	annual	Х	X	Х	X	X	X		
4/55	igo	M-6	annual	X	X	X	X	X	X		
432	1330	M-7	biannual	X	X	X	X	Х	Х		
4/26	0935	M-8	annual	X	X	X	X	Χ	X		
								V			
4126	1555	GW-2	annual	X	Х	X	X	X	X		
								Х	X		
4126	1515	IW-1	annual	Х	X	X	X				
			Ţ			T X.	X	X	X		
7/26	1435	GW- <u>5</u>	annual	X	X	<u></u>					
111-212	11000	1144.0	- CORPUTAL			X	X	X	X		
41 0 7	1175	IW1-2	annual	Χ	X						
4/25	1105	I <u>W1</u> -5	annual _	X	X	X	X	X	X		
TLO	7703	(W) (W)	unitigal 1								
4/26	112K	IW2-3	annual	X	Х	X	X	X	Х		
	Sunt I Journey	1									
4126	マンドン	IW2-7	biannual	X	X	X	X	X	X		
4/26	$\Pi$	IW2-10	annual	Х	X	X	X	X	X		
7/22	1585	SP-16	annual	X				·	X		
		Noton									

Two monitoring events will be conducted during the first year of monitoring. All annual and biannual wells will be sampled during these events. Annual and biannual sampling will begin after the first year. Biannual sampling is conducted in years having ending in an odd number (i.e. 2009, 2011, etc.)

4/23 145 Advans-8F (Between Files) Voc 4/23 1135 Adams-AF CAfter Filter) VOC

4/25 1200 DUP-1 7VOC 4/25 1200 DVP-2 3VOC 4/25 1200 DVP-3 3VOC 4/25 0945 FB-1 3VOC

### CLEAN HARBORS COFFEYVILLE, LLC FACILITY GROUNDWATER ELEVATION RECORD

Monitoring Personnel: John Talley & herri Berthelette April 21, 2012

Well/Piezometer				Depth to	
ID	Location	Date	Time	Groundwater, ft	Total Depth, ft
MW-1B	Clean Harbors Facility		1655	13,46	23.60
MW-3B	Clean Harbors Facility		1740	12.79	32,97
MW-4B	Clean Harbors Facility		<u>1990</u>	13.80	33,42
MW-5B	Clean Harbors Facility		1735	12.77	35.47
MW-6B	Clean Harbors Facility		1745	13.50	34,38
MW-7B	Clean Harbors Facility		1700	_13.50_	34.11
MW-8B	Clean Harbors Facility		1815	19.68	38.03
MW-9B	Clean Harbors Facility		1718	14.98	38.11
MW-10B	Clean Harbors Facility		1732	15.40	34.15
MW-11B	Clean Harbors Facility		1800	14.09	33.05
MW-12B	Clean Harbors Facility		1756	12.60	32.63
MW-13B	Clean Harbors Facility		1725	13.96	33.72
MW-14B	Clean Harbors Facility		1721	14.78	36,57
MW-18B	Clean Harbors Facility		1729	16.33	29,98
MW-19B	Clean Harbors Facility		1714	17.42	34.06
MW-20B	Clean Harbors Facility		1705	12.45	27.49
MW-21B	Tract E		1225	12.60	27.45
MW-22B	Tract E	٠	1230	12.45	30.12
MW-24B	Clean Harbors Facility		OITÍ	14.26	32.06
MW-25B	Clean Harbors Facility		1650	11.25	33.81
MW-26B	Clean Harbors Facility		1708	1a.25_	26.83
MW-28A	Tract D		1008	16.74	24,26
MW-28B	Tract D		1010	16.61	35.96
MW-29A	Adams Farm		0928	4.68	19,09
MW-29B	Adams Farm		0930	3.62	28.31
MW-31A	Tract D		1030	6.02	19.23
MW-31B	Tract D		1023	5,50	28.96
MW-32B	Tract E		1150	5.06	29,70
MW-33B	Tract E		1155	11.17	28.12
MW-34B	Tract E		0942	18.32	29.69
MW-35B	Tract E		1000	88.8	32.89
PE-2B	Tract E		1206	10.05	20,39
PE-4B	. Tract E		1,310	11.00	18.00
PD-3B	Tract D		1043	13.53	21.63
PD-7B2	Tract D	De	5/100	ed -	
GW-1	Tract F		1610 0	9.20	30.32
GW-2	Tract F		1603	9.08	29.76
GW-3	Tract F		1600	9,00	29.56
M-5	Tract F		1(040	11.90	32.64
M-6	Tract F		1625	11.32	33.69
fW-1	Tract F		1606	9.15	30,22
GW-4	Tract F		1550	9,17	29.32
GW-5	Tract F		1553	8,95	29,18
GW-6	Tract F		1556	9.10	29, 39

pic cut@top

### CLEAN HARBORS COFFEYVILLE, LLC FACILITY GROUNDWATER ELEVATION RECORD

Monitoring Personnel: John Talley & Nevi Berthelette
April 31,2012

Well/Piezometer				Depth to		
ID	Location	Date	Time	Groundwater, ft	Total Depth, ft	
M-1	Tract F		1614	9,20	28.72	Ĭ
M-2	Tract F		1545	9,12	27.80	1
IW1-2	Tract F		1624	10.16	34.34	1
IW1-5	Tract F		1630	11,54	3419	1
M-3	Tract F		1518	12.86	39.79	1
M-4	Tract F		1648	11.84	30,49	
SP-2	Tract F		1645	TG. 11	31.31	
SP-4	Tract F		1638	10.45	30,99	
SP-5	Tract F		1620	5,18	5.18 D	18
SP-6	Tract F		1546	10,37	29.75	]0
SP-9	Tract F		1530	11.56	31.30	
SP-10	Tract F		1638	11.15	32,75	1
SP-11	Tract F		1535	11.19	32.08	]
\$P-12	Tract F		1510	13.26	29.80	1
SP-13	Tract F		1505	14.52	32,20	trivolge broken
SP-14	Tract F		1436	14.39	31.92	0
IW2-3	Tract F		1440	Obstruct		<i>}</i>
IW2-7	Tract F		1445	15.02	35,23	
IW2-10	Tract F		1450	11,79	34.67	]
SP-15	Tract F		1325	14.69	32.54	]
SP-16	Tract F		1320	14.68	34.715	
PF-9A	Tract F		1335	15.40	24,79	]
PF-9B	Tract F		1340	14.95	34.30	]
M-7	Tract F		1455	14.86	34.49	]
M-8	Tract F		1436	14.98	34,95	
PF-6B	American Wire		1135	15.59	31,58	
PF-14B	American Wire		1415_	15.11	24.06	
PF-13B	American Wire		1345	12.64	26.43	
MW-36B	King Farm		0915	19,62	35.23	Broken lock letch
MW-37B	King Farm		0900	19.91	31.97	
PF-16B	King Farm	- CAN				•
MW-30A	American Wire		1115	14.46	32.25	]
MW-30B	American Wire		1110	14.71	22,65	
Adams-A	Adams Farm		1100	10.75	25,30	

SP-5 - apparently reconditioned (nas new concrete pad & plug). Seems to be dry at 5.18' now (hits obstruction or new bottom?).

\* All wells need to be repainted.

## Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID \_\_\_\_\_\_\_\_

		0.0 ( )					
Sampler(s)	<u>w _ /&amp;</u>	elley & he		heletta			4-27-13
Well Condition:	ood -	needs po	ient:				75°F overcast
			GENER/	AL INFORMATI	ON	· .	0
Purge Pump Method		tic (Waterra for VOCs		Water Column:		6	
Total Depth:	<u> 32.4</u>	04		Well Diameter:			
Depth to Water: 🐧	7,48	ζ		Purge Volume:			<u></u>
Depth to Product: \	AL						
		LOW FLOY	W MEASUREN	MENTS AND FIE	LD PARAME	TERS	
Start Purge Time: \	<b>EP</b> 1	T	•	Total Volume P	urged: Q.	5	
Volume Purged	Time	Conductivity	pН	Temp.	ORP	DO	Appearance
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	·
0.5	1150	1751	6.73	16.21	43.9	14.0	clear
1.0	1155	1.783	6.79	16.27	76.6	0.39	Clear
1,5	1200	1,797	6.80	16.38	144.7	140	Clean
<u>a.o</u>	1205	1,804	6.80	16.54	151.8	0.42	† <del></del>
2.5	1210	1.805	6.78	16.42	154,4	0,42	clear
	<u> </u>	<b></b> '			L	<u> </u>	
	<del> </del>	h		<u>                                     </u>	<u> </u>		
	<del> </del>	<del></del>	ļ'		<u> </u>		
		<u> </u>	ļ	ļJ	<del></del>	<u>                                     </u>	
		See See See See See See See See See See		AND ANEYTICA		FION	
Sample Collection Ti	me: L	31D		Laboratory:		Ameri	Ca
Shipped by:			A CONTROL OF THE PROPERTY OF THE PARTY OF TH	COC Seal?	yes / no		The state of the s
	I			<i>y</i> = ==================================		Comment	
VOCs	8260	3x40ml VOAs	HCI \	<u></u>	···	<del></del>	· · · · · · · · · · · · · · · · · · ·
Iron Cations (Ca, Na, K,	6010	500ml plastic	HNO₃ \	<del></del>			
Mg)	6010	500ml plastic	HNO <sub>3</sub>	1	ż		
Chloride	300	500ml plastic	None V	//			
Alkalinity	310	500ml plastic	None				
				DMMENTS			
			The second secon				
					·		
		***************************************		·	· · · · · · · · · · · · · · · · · · ·		-
			<del></del>				

## Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID 1-2

Sampler(s) Joh	w Ta	elley & her	~ Red	A . 1 all		In. (1	110-111
Well Condition: Q	and.	needs pain	ut mai	VOIAL		Date: 4	-505 Ch CACA
	5	have been				Weather:	75° F Overcast
		<u> </u>	GENER/	AL INFORMATI	TON		- WII CLE
Purge Pump Methor	d Peristal	ltic (Waterra for VOCs		Water Column		79	
Total Depth: 3	4.34			Well Diameter:			
Depth to Water: \	0,5	,5		Purge Volume:			
Depth to Product: \	AK						- The state of the
			W MEASUREN	MENTS AND FIR	ELD PARAME	TERS	
	1115			Total Volume P		_	
Volume Purged	Time	Conductivity	рH	Temp.	ORP	DO	Арреагапсе
(Gallons)	(min)	(m\$)	(SU)	(Celcius)	(mV)	(mg/L)	
0.5	1180	0.612	7.56	1690		0.85	clear
1.0	1135	0.611	7.35	16.76	-51.2	0.66	
1,5	1138	0.606	7.33	16.73	-43,7	0.63	clear
<u>80</u>	1135	0.605	7.32	16.72	-42.4	0.65	Clear
	<b></b>	<del></del> '		<u> </u>	<u> </u>		
	<b></b>		<u> </u>	<u> </u>	ļ'		
	1	<del>                                     </del>	<u> </u>	<u> </u>	,		
		<del> </del>	<u> </u> '	<u>'</u>	<u></u>		
		<del> </del>	<del> </del> '	<del> </del> '	<u> </u>	<u> </u>	<u> </u>
· C-N-40- T		SAMINATE OF		AND ANEYFICA			
Sample Collection Ti	<del>×</del>	35		Laboratory:		America	<u>Ca</u>
Shipped by: T	INB		The second of th	A SOSSESSO CONTRACTOR	уев)/ по		
Angiyais VOCs	Method 8260		Preservative	7		Comment	
Iron	6010	3x40ml VOAs	HCI V	/		<del></del>	
Cations (Ca, Na, K,	OULU	500ml plastic	HNO <sub>3</sub>	<u> </u>			
Mg)	6010	500ml plastic	HNO <sub>3</sub>	/ <u></u>			
Chloride	300	500ml plastic	None	<i>[</i>		<del></del>	
Alkalinity	310	500ml plastic	None				
			er	OMMENTS.	Carlo Control		
l			<del></del>				
<del> </del>		·					
<del> </del>		<del></del>					
1							

## 

Sampler(s) Jor	m Ta	lley & ho	ri Berl	helette		Date:	1-27-12	7
Well Condition: e	food.	noods pe	. turis			Weather:	70°F Overcast	1
	,	•				WIL	dy	
				AL INFORMAT				
	<b>~</b>	tic (Waterra for VOCs	)	Water Column	<del></del>	4		1
Total Depth:	24.70	<u>1</u>		Well Diameter:		····		
Depth to Water:	177	<u> </u>		Purge Volume:	<u>いり</u>			1
Depth to Product: \	MA			_l	<del></del>			
	1125		V MEASURE	MENTS AND FIL	1 -	TERS		
Start Purge Time:	105	· ·	<u> </u>	Total Volume I	Purged: \5			j
Volume Purged	Time	Conductivity	pН	Temp.	ORP	DO	Appearance	
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)		
0.5	1000	0.653	9.86	16.52	-352.4	0-21	Clear Black as	utid
1.0	1100	0.646	9.92	16.37		0.18	clear '	
	1105	0.644	9.96	16.36	- 355.7	018	cloair	}
				ļ	f			
	-			<u> </u>				
····	<u> </u>							
					,			
		· · · · · · · · · · · · · · · · · · ·						
								i
	. <u> </u>	ASSESSAMPLE CO	DEFECTION	AND ANEYTIC		^	# 1 P. C. P. C. P. C. P. C. P. C. P. C. P. C. P. C. P. P. C. P. C. P.	
Sample Collection Ti		05		Laboratory:		moci	Ca	
Shipped by:		ACA CONTRACTOR CONTRACTOR AND ACCOUNT AND ACCOUNT AND ACCOUNT AND ACCOUNT AND ACCOUNT AND ACCOUNT AND ACCOUNT A			yes)/ no			
Analysis"	1			7		Commen	nes i casa consultada Anta	
VOCs	8260	3x40mi VOAs	HCI t	/	<del></del>		· · · · · · · · · · · · · · · · · · ·	
ron Cations (Ca, Na, K,	6010	500ml plastic	HNO <sub>3</sub>	V/				
Mg)	6010	500ml plastic	HNO <sub>3</sub>	<b>Y</b> /				
Chloride	300	500ml plastic	None >	//				
Alkalinity	310	500ml plastic	None \		*****			
			SERVICE SERVICE	JAMENTS				
		*	······································	·	<u> </u>			
	<u>-</u>	· · · · · · · · · · · · · · · · · · ·	<del></del>			<del></del>	····	
		<del></del>	<del></del>			<del></del>		

#### Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID \( \subseteq - \subseteq \)

		^ A ( )				<del></del>	
Sampler(s)	M Ja	elley & he	in Bey	delette			1-27-12
Well Condition: G	sod. W	redolpain	<b>大</b> .			Weather:	po Fovercast
						win	du.
				AL INFORMATI		<del> </del>	J
Purge Pump Methor	4 Peristal	ltic (Waterra for VOCs	<u>s)</u>	Water Column		18	
	3.69			Well Diameter:			
Depth to Water:	<u>11,5</u>	Δ		Purge Volume:	: a.5		
Depth to Product:	74	The second second second	<del> </del>				
			W MEASUREM	MENTS AND FIL			
Start Purge Time: (	1	4 5 7 7 7 7	т	Total Volume J	Purged: 2.5		
Volume Purged	Time	Conductivity	pH	Temp.	ORP	DO	Appearance
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	
0.5	0940	1.808	6.68		103,9	1,22	Clarely
1.0	0945	<del></del>	6.72	16.84	146.8	1.29	corida
4.5	0950	1.817	6.72	1626	218.3	0.77	Cloude
3.0	0955		6.70	Ne.05	250.6	0.62	cicrista
2.5	1000	1.808	6.73	16.14	277.9	0.58	cloudy
		<b></b> '	ļ		`		J
		<b></b> '	<u> </u>	<u> </u>	:		
	——	<b></b> '		'			
		<u> </u>	<u> </u>				
		SAMPBECC	(AUDITEDITUDE)	AND ANLYFIC	AL INFORMAT	fione:	
Sample Collection Ti		<u> </u>		Laboratory:		America	Ca
Shipped by:	TINB			COC Seal? /	yes / no		<u> </u>
Analysis	Method	Container(s):	Preservative			Comment	<b>15</b>
VOCs	8260	3x40ml VOAs	HCI ~				
Iron	6010	500ml plastic	HNO₃ <b></b> ✓	/			<u> </u>
Cations (Ca, Na, K, Mg)	6010	500ml plastic	HNO <sub>3</sub>				
Chloride	300	500ml plastic	None V	V ,			
Alkalinity	310	500ml plastic	None None	<del>//</del>			
	3.0	Journ practic	CONTRACTOR CONTRACTOR	OMMENTS		A 100 mg	
				MMEMAS			
		<del></del>	<del></del>		<del></del>		
							-
		·			<del></del>		<del></del>
<u> </u>							

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				<u></u>			
Sampler(s) Joy	w Ta	elley & her	ri Bert	helette		Date: 4	1-26-12
Well Condition:	) 	reeds pai	.tn			Weather:	80°F Overcast
			GENER/	AL INFORMATI	TON	1 Krear	nt coind
Purge Pump Metho	d Peristal	ltic (Waterra for VOCs	3)	Water Column		)	
Total Depth: 25				Well Diameter:	4 .	***************************************	
	7,53	Q		Purge Volume:			
Depth to Product: \	AV			I high volume	<u> ~~~</u>		· · · · · · · · · · · · · · · · · · ·
		LOW FLOV	W MEASUREN	MENTS AND FIF	EI D PARAME"	TEDS	
Start Purge Time:	1610		<u> </u>	Total Volume P		ERS	
Volume Purged	Time	Conductivity	рН	Temp.	ORP	DO	I
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)		Appearance
0.5	1615	1,760	6.18	110004	836.9	(mg/L)	cloud
1.0	1620	1.666	6.24	16-08	264.6	6.97	Claridy
1,5	1625	1.647	6,29	16.31	318.9	0.47	Clary
2.0	1630	1.646	6.29	16.34	327.0	0.97	Chinage
2.5	1635	1.647	6.29	16.3	2299	0.97	cleriday
		1	7.1	10.0.	130 m	bu	Cloudy ()
					<del></del>	<del></del>	<u> </u>
		,	<del></del>		<del>                                     </del>	<del></del>	
					<del></del>	<del></del> -	· · · · · · · · · · · · · · · · · · ·
				<del></del>	<del></del>	<del></del>	
		SAMITHE (S	ara semios	ANDANIA (PIES			
Sample Collection Ti	ime: 16	<b>26</b>		Laboratory:		^	
Shipped by:					yes)/ no	America	Ca
Analysis	THE PERSON WAS DEPOSITE OF	Container(s)					
VOCs	8260	3x40ml VOAs	HCI	7		Comment	(s)
Iron	6010	500ml plastic	HNO <sub>3</sub>	<del>/</del>			
Cations (Ca, Na, K,				<del>/</del>			
Mg)	6010	500ml plastic	HNO <sub>3</sub>				
Chloride	300	500ml plastic	None V				
Alkalinity	310	500ml plastic	None 🗸				<del></del>
			Cô	DMMENTS			
		<del></del>					
		<del></del>	·				
		- <u></u>				-	
						······································	

### Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID <u>Gw- 2</u>

Sampler(s) Joh	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	. 00 & 100	, 12 )	h i il	<del></del>	<del></del>	<del>-,</del>		
		elley & ho.	u bect	heletta		Date:	4-26-12	·	
Well Condition: 9	060X.	reedle pa	aint.			Weather:	80°F ove	read	
	-		GENER/	AL INFORMAT	ION		()	<u> </u>	
	d Peristal	ltic (Waterra for VOCs	s)	Water Column		36	***		
Total Depth: 2	9.71	6		Well Diameter: 4					
	7.40			Purge Volume:					
Depth to Product: \	AR_					<del></del>			
	<u> </u>	LOW FLOY	W MEASUREN	MENTS AND FI	ELD PARAME	TERS			
Start Purge Time:	1535	5		Total Volume F				B-10	
Volume Purged	Time	Conductivity	рН	Temp.	ORP	DO	Annagrana		
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(ing/L)	Appearanc	ie	
0.5	1540	2.290	6.64	16.61	-82.1	ME	Clareder		
1.0	1545	2.314	6,48	16.27	-724	0.50	Cloudy		
1.5	1550	2.321	6.44	16.59	-73.4	0.52	- And Alt		
2.0	1555	2.320	6.42	1/2 /24	-71.7	0.53	a lang	- Commercial Commercia	
				16.6.	1101	0-03	CLEUNIN		
					<del></del>	<del>  </del>	<del> </del>	<del></del>	
						<del>                                     </del>	<del></del>		
			<del></del>		· · · · · · · · · · · · · · · · · · ·	<del> </del> -		<u></u>	
						<del>  </del>			
		,							
		SAMPIECO	ATELEGE HONE	indaniyayi (54					
Sample Collection Ti	me:	555		Laboratory:					
Shipped by: 57	148				yes)/ no	America	Ca		
Analysis		Container(s)	100 MAT ASSET LITTLE ROMAN ANALYSIS AND A TOUR TRANSPORT AND	COC Scar:	yes)/ no				
VOCs	8260	3x40ml VOAs	нсі 🗸	<i>7.</i>		Comment			
Iron	6010	500ml plastic	HNO <sub>3</sub>	/		<del></del>	<del></del>		
Cations (Ca, Na, K,			-11103	<del>/</del>		<del></del>			
Mg)	6010	500ml plastic	HNO <sub>3</sub>	<u>/</u>					
Chloride	300	500ml plastic	None None	/			<del></del>		
Alkalinity	310	500ml plastic	None						
			ςō	DMMENTS					
<u> </u>									
				***************************************			<del>~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ </del>		

## Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID

-		0.0							
Sampler(s)	<u>m Ta</u>	elley & he	ri Bert	helette		Date:	1-26-12		
Well Condition:	00d ( \ '	reeds pa	inf.	···		Weather:	80°F overcast		
			GENERA	AL INFORMAT	ION	1200			
Purge Pump Method		tic (Waterra for VOC		Water Column: 20.78					
Total Depth: 30		<del></del>		Well Diameter		<del></del>	<u> </u>		
	2. 9.	44		Purge Volume:	: 2.0		<u> </u>		
Depth to Product: \	AL								
		LOW FLO	W MEASUREM	MENTS AND FI	ELD PARAME	TERS			
Start Purge Time:	145	5		•	Purged: 👌 (				
Volume Purged	Time	Conductivity	pН	Temp.	ORP	DO	Appearance		
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)			
0.5	1500	1272	10.32	16.21	69.9	0.33	clear		
<u> </u>	1505		10.34	16.32	110.8	0.35	Clear		
725	1510	1.38	10.37	16.48		0.31	Clear		
9.0	1515	1,280	10.33	16.67	120.4	0.34	clear		
	<u> </u>		<u> </u>	<u> </u>	<u> </u>				
	<del> </del>		ļ						
<u> </u>									
	<del> </del>		<u> </u>						
			<u> </u>		ļ				
		15	,						
		SAMPLE	OBPECTIONS.	AND ANIATIC	AL INFORMA	ION			
Sample Collection Ti	4 . 1	1515		Laboratory:		Ameri	Ca		
Shipped by: JT	1 1/1/5	<b>)</b>	A PERSONAL PROPERTY AND AND AND AND AND AND AND AND AND AND	COC Seal? /	yes / no	Mark Court (the Court of	COUNTY TO STATE OF THE COUNTY		
Analysis	1 1		Preservative	<u> </u>		Commen	is in the contract of the second		
VOCs Iron	8260	3x40mi VOAs	HCI	/					
Cations (Ca, Na, K,	6010	500ml plastic	HNO <sub>3</sub>						
Mg)	6010	500ml plastic	HNO <sub>3</sub>						
Chloride	300	500ml plastic	None	//	· ·		······································		
Alkalinity	310	500ml plastic	None						
			<b>C</b> (	DMMENTS.					
				THE RESERVE OF THE PARTY OF THE		-			
	<del></del>				<del></del> -		·		
				<del></del>	<del></del>	······································	· · · · · · · · · · · · · · · · · · ·		
						·			

## Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID 6 -5

Completo Talk		00 21	` 62 \	A 1 1						
Sampler(s) JOT	1N 18	elley & ho	us per	helette		Date:	1-210-12			
Well Condition:	poa.	needs po	2VG.			Weather:	80°F Overcast			
		· · · · · · · · · · · · · · · · · · ·			<del></del>	<u>l</u>	Lant wind			
				AL INFORMATI			0			
		ltic (Waterra for VOC	<u>s)</u>	Water Column	Water Column: 19,93					
Total Depth:	9.18			Well Diameter:	: 411					
Depth to Water:	<u>9,35</u>	<u> </u>	<u> </u>	Purge Volume:	: 1.5					
Depth to Product: \	74	<del>-</del>					<del></del>			
	11/00	LOW FLO	W MEASUREN	MENTS AND FIR	ELD PARAME	TERS				
Start Purge Time:	1420	<i>I</i>		Total Volume P		-				
Volume Purged	Time	Conductivity	pН	Temp.	ORP	DO	Appearance			
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)				
0.5	1425	1.290	8,61	080	-47.5	0.41	Mad black			
1.0	430	1.287	8.72	16.87	-39.0	0.39	CON.			
1.5	1435	1.286	9.03	16.99	-52.1	0.35	clean			
				<del>   </del>			- Cecor			
							<del> </del>			
						<del></del>				
						<del>                                     </del>				
			<u> </u>		<del></del>	+				
						1				
			<u> </u>			+				
		e Sees See SAMMERS (G	MERCEION	END ENEVER						
Sample Collection Ti	ime: \U	B5		Laboratory:			-			
Shipped by:	16-83				yes)/ no	America	<u>Ca</u>			
Analysis	CE NO CONTROL OF THE PARTY OF T	Sec. Programme and Access of the Commence of t			yes)/ no					
VOCs	8260	3x40ml VOAs	нсі Ч	<i>7</i>		Comment	5			
Iron	6010	500ml plastic	HNO <sub>3</sub>	$\overline{/}$		<del></del>				
Cations (Ca, Na, K,			111103	<del></del>		<del></del>				
Mg)	6010	500ml plastic	HNO <sub>3</sub>		· 					
Chloride	300	500ml plastic	None V							
Alkalinity	310	500ml plastic	None (	<u> </u>						
			CÜ	DMMENTS						
<del></del>	·				podential and the second second second					
				<u> </u>	·					
	·									
			70							

#### Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID 10 - 2

- · · · · · · · · · · · · · · · · · · ·		A.0					
Sampler(s)	JN TO	elley & ho	ri Bert	heletta		Date:	1-26-12
Well Condition:	<del>3</del> 000	nolds pa	. <i>t</i> ní			Weather:	
<u> </u>	·					lian	200 mg/s
			GENERA	AL INFORMAT	ION	Ü	
	d Perista	itic (Waterra for VOC	<b>'s</b> )	Water Column: 18.31			
Total Depth:	28°C			Well Diameter		<b>7</b>	1000
Depth to Water:	P.53	9,49		Purge Volume:			
Depth to Product:	NA					<del></del>	
		LOW FLO	W MEASUREM	MENTS AND FI	ELD PARAMET	rpe	
Start Purge Time:	133	Ō		Total Volume l		· DIG	
Volume Purged	Time	Conductivity	pH	Temp.	ORP	DO	
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	i -	Арреагансе
05	1340	1241	6.44	16.31	303.9	(mg/L)	clayed the
7,0	1345	1.362	6.52	16.31	382.9	0.86	- Company
1.5	(35)	1.505	6.51	16.36	404.9	4 5 5	Correct
2.0	1355	1.574	6.54	16.39	417.4	0.79	clarides
2.5	1400	1.618	6.51	16:40	438,5	0x 16	Collaby
	4840		<del>\(\oldsymbol{\sigma}\)\\</del>	14370	430.2	0.75	Cloudy
							· J
		· · · · · · · · · · · · · · · · · · ·			,		
		<del>"</del>		<del></del>	<del></del>		
			, ,				
Sample Collection T	ime: 14/	$\mathcal{X}$		NDANIATITÉ.	<del></del>		and the state of t
Shipped by:	-1 KS	Σ		Laboratory:		mosi	Ca
APPRICACE TO A PROPERTY OF THE		Container(s)		COC Seal?	уев / по		
VOCs	8260		1	/		Comment	
Iron	6010	3x40ml VOAs 500ml plastic	HCI V	<del>/</del>	·		
Cations (Ca, Na, K,	0010	South plastic	HNO <sub>3</sub>	<i></i>			
Mg)	6010	500ml plastic	HNO <sub>3</sub>		-		
Chloride	300	500ml plastic	None			··········	
Alkalinity	310	500ml plastic	None	/			
			(60)	MMENTS			
					<del></del>		<del></del>
			<u> </u>		<del></del>		

# Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID 10-

Sampler(s) Tol	~ T	elley & ho	ci 8 . 1	h 1 11		T	/ 04	
Well Condition: Q	rad.	needs pa	id sou	neletta	<del></del>	Date: 4	1-26-12	
9		related pour	· Du			Weather:	80°F Overcast	
			GENERA	AL INFORMAT	TON	Luq	the wind	
Purge Pump Metho	d Peristal	tie (Waterra for VOC	'a'	The state of the s				
Total Depth: 3	449		8)	Water Column		2		
Depth to Water:	5,0		<del>-</del>	Well Diameter	<u>: a</u>	<del></del>	<del></del>	
Depth to Product:	KIA .	<u> </u>		Purge Volume:	: <u>a</u> .o			
		LOWELO	W ME A CHIDEN	AND THE AND THE				
Start Purge Time:	120	TOW PLO	WINLASUKEN		ELD PARAMET			
Volume Purged	Time	Conductivity	T	Total Volume I			T	
(Gallons)	(min)	[	pH	Temp.	ORP	DO	Appearance	
0.6	1205	(ms) 4,501	(SU)	(Celcius)	(mV)	(mg/L)		
100	1210	4.520	6.23	16-34	8527	0,74	Cloudy	
TE	1215		6.19	16.67	213.5	0.80	cloudy	
2.0	1220	4,505	6.18	16.85		0.83	Clarial	
	11.00 arch	7.511	6.17	16.75	1961	0-83	Clarely	
<u></u>	<del>                                     </del>	<u> </u>	<del> </del>					
	<del>  </del>							
	┦——				,			
	<del>  </del>		<u> </u>					
<u> </u>	<del>                                     </del>	<u> </u>						
		SAMPLE C	OLDECTION A	ND ANLYTIC	LINFORMAT	IONE :		
Sample Collection Ti		<u> </u>		Laboratory:		mocio	Ca	
Shipped by: 57	TINB			COC Seal?	yes / no	<del></del>		
Annitysie	Method	Container(s)	Preservative			Comment		
VOCs	8260	3x40mi VOAs	HC1	/				
Iron Cations (Ca, Na, K,	6010	500ml plastic	HNO <sub>3</sub>	<i></i>				
Cations (Ca, Na, K, Mg)	6010	500ml plastic	ID:O					
Chloride	300		HNO₃ ✓	<del>/</del>				
Alkalinity	310	500ml plastic 500ml plastic	None	<del>/</del>	<del></del>	<del></del>	·	
* 2. (dis.)	310	SOUTH PLASUE	None V				magazin arang magazin arang magazin arang magazin arang magazin arang magazin arang magazin arang magazin aran	
			(0)	MMENTS				
P			<del></del>		·	<del></del>		
	<del></del>	<del></del>	<del></del>	<del></del>				
		·						

# Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID 1000

Sampler(s)	m Ta	lley & ho	ri Berl	helette		Date: 4	-26-12	1
Well Condition:		J				Weather:		1
-						lie	ht wind.	
			GENERA	AL INFORMAT	ION		(A)	
Purge Pump Metho	d Peristalt	ic (Waterra for VOC	3)	Water Column	: 20.C	<b>SO</b>		i
Total Depth:	<u>35,17</u>			Well Diameter				
Depth to Water:	57	1		Purge Volume		<u> </u>		
Depth to Product: \	NA					<del></del>		
		LOW FLO	V MEASUREN	MENTS AND FI	ELD PARAME	TERS		
Start Purge Time:	1115				Purged: 2,0			
Volume Purged	Time	Conductivity	pН	Temp.	ORP	DO	Annag	
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	Appearance	: .
<u>6,5</u>	1130	1.870	9,02	16.39	79 9	0.69	cloud, place of	. 0
1.0	1125	1.861	9.17	16.64	178.8	0.54	Cloudy black p	LUTI
1.5	1130	1.862	9.20	16.61	192.8	0.49	cloudy	
20	1135	1.857	9.24	16.64	190.4	0,40	Clerial	
				1	1011	0.10	Collang	
						1		
			· · · · · · · · · · · · · · · · · · ·					
	<u></u>							
			,	***	<u> </u>			
		estes Saivinatae	0) a d a (ca d (o) \ 9.	NDEANISTEE	CI. INTERDACE	riose		
Sample Collection Ti		<del>3</del> 0		Laboratory:		Americ		
hipped by: 玑	KB				yes / no	1 41.00.4.10		
Analysis	Method	Container(s)	Preservative			Comment		
OCs	8260	3x40ml VOAs	HCl \	1.	I and a second			
ron	6010	500ml plastic	HNO <sub>3</sub>	1	**· · · · · · · · · · · · · · · · · · ·			
Cations (Ca, Na, K, /Ig)	6010	500I						
Chloride	<del>                                     </del>	500ml plastic	HNO <sub>3</sub>	/			· · · · · · · · · · · · · · · · · · ·	
Ikalinity	300	500ml plastic	None	<del>/</del>				
ernatility.	310	500ml plastic	None (		N. Marketin Co., page 1			
			CC	MMENTS.				
		·*·	<del></del>		-			
<del></del>	·	<del> </del>						

# 

1		0.0					
Sampler(s)	VN	elley & ho	ri Bert	heletta	·	Date:	1-26-12
Well Condition:	Wite	casing s	settling.	lid w	E deso	Weather:	80°F Surry
	<del></del>						
			GENERA	L INFORMAT			
		ltic (Waterra for VOC	(s)	Water Column	: 19.96	>	
	25, a			Well Diameter	: 4"	-	· · · · · · · · · · · · · · · · · · ·
Depth to Water:	$\frac{15.6}{2}$	<del>17</del>		Purge Volume:	2.0		
Depth to Product:	MA		·	<u> </u>		_	<del>-</del>
	100	LOW FLO	W MEASUREM	ENTS AND FI	ELD PARAME	TERS	
Start Purge Time:	1030	γ		Total Volume I			<del></del>
Volume Purged	Time	Conductivity	pН	Temp.	ORP	DO	Appearance
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	. appearance
0.5	1035	1.719	4.72	17.22	-9860	6.47	coa,
1.0	1040	1.733	9.82	17.27	-279.4	0.36	clean
<del>- [· 2</del>	1045	10701	9.85	$\Gamma l \cdot \Gamma l$	-284.2	0.33	Cloan
20_	1050	1.739	9.85	13.13	-981°O	0.32	Cloa
	<del> </del>			·			
·	-	<u> </u>					
	<del> </del>						······································
	ļ						
	┼						
	<u> </u>	SAMPLE	DEFECTIONA	ND ANLY, FIGA	E INFORMAT	ion -	
Sample Collection Ti		050		Laboratory:		mocio	¹a
Shipped by:	L/W			COC Seal?	уев)/ по		
Amilysis			Preservative	7		Comments	
VOCs	8260	3x40mi VOAs	HCI V	/			
ron Cations (Ca, Na, K,	6010	500ml plastic	HNO <sub>3</sub>	<u> </u>			
Mg)	6010	500ml plastic	HNO <sub>3</sub>	,			
Chloride	300	500ml plastic	None	1/			
Alkalinity	310	500ml plastic	None	/			
100000000000000000000000000000000000000				VIMENTS			
				<del></del>	<del></del>		
			<del></del>		·	<del></del>	
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# Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID <u>Twa-10</u>

Sampler(s)	N To	eller & ha	sà Bad	و الحار ا			1 01
Well Condition: √\	00do	Daine dos	11/ 12/1	022/02/		Date:	7-26-12
		elley & ho paint doe	01 & C/02	2-casing	15 Settling	Weather:	76° F Synry
			GENERA	L INFORMAT	TON	I ULL	fit wind U
Purge Pump Metho	d Peristal	tic (Waterra for VOC	(s)	Water Column		4	<u> </u>
Total Depth: 3	t.67			Well Diameter		7	
Depth to Water:	3.8	3		Purge Volume		·	
Depth to Product:	$A \mathcal{U}$		······································	- ange volume	<u>. w.o                                   </u>	<del></del>	
		LOW FLO	W MEASUREM	ENTS AND FI	ELD PARAME	repe	
Start Purge Time:	0940	)			Purged: 2. C		
Volume Purged	Time	Conductivity	рН	Temp.	ORP	DO	
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	Appearance
0.5	0945	0,9 <b>8</b> 9	6.64	6.30	€88,64	0.71	clared black
10	0950	O.982	6.76	16.29	-92,4	0.65	co arial
1.5	0955	987	6.79	16.26	-90.8	0.63	CO CO LO
5.0	1000	0.980	6.85	16.35	90.9	0.61	Clarida
					1000	0.001	- Country
	<u> </u>						<del></del>
	<u> </u>						<del>~</del>
	/ -	SAMPLEC	OLLECTIONA	ND ANEYTIC	LEINFORMAT	ion .	
Sample Collection Ti		<u> </u>		Laboratory:		mori	Ca
Shipped by:	INB		CATEGORISECTES CONTRACTOR DESCRIPTION OF A PARTY OF THE P		yes)/ no		
Anaiysis VOCs	r .	Container(s)	Preservative			Comment	•
Iron	8260	3x40ml VOAs	HCI V	/			Marie Protected Control
Cations (Ca, Na, K,	6010	500ml plastic	HNO <sub>3</sub>	<u> </u>			
Mg)	6010	500ml plastic	HNO <sub>3</sub>	//			
Chloride	300	500ml plastic	None	//			
Alkalinity	310	500ml plastic	None				
			CÓ	MMENTS			
Sulfun	ain	odor.					
<u> </u>				······································	<del></del>	<del></del>	
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# Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID 10-8

Complete Tol	~ TV	00 - 1	. 10	- h t 3 (		<del></del>	
Sampler(s)	1N 10	elley & ho	ra seu	the lette	<del></del>		4-26-12
Wen Condition:	jooa. n	redopain	5				: 70°F Surry
<del></del>							light wind
n Mathe	The state	2 770	GENER/	AL INFORMAT			U
		litic (Waterra for VOC	.s)	Water Column		,5	
Total Depth: 3	<u>,4,95</u>			Well Diameter:			
	1210	<u> </u>		Purge Volume:	: 3.0		
Depth to Product: \	74						
<u> </u>	~~~	LOW FLO	W MEASUREN	MENTS AND FIL	ELD PARAME	TERS	
	9900	<u> </u>	· · · · · · · · · · · · · · · · · · ·		Purged: 3.0		
Volume Purged	Time	Conductivity	рН	Temp.	ORP	DO	Appearance
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	· My processing
0.5	0905	4.342	6.30	16.14	236,9	1.58	Cloudy
1.0	0910	4.339	6.40	16.55	2522	2.84	
1.5	0915	4.366	6.30	17.02	283.7	1.30	Clary dearing
8.0	0920	14.369	6,22		367.8	126	clear
2.5	0925	14.369	6.18	16.90	378.4	125	clean
3,0	0930	4.364	6.16	16.86	392.6	1,38	- Com
		1			1000	1100	C C C C C C C C C C C C C C C C C C C
<u> </u>		1			<del></del>		
		1		<del></del>		<del> </del>	<del></del>
			<u> </u>		<b></b>	<del></del>	<del></del>
		Assessant Systems of	MARKETTON.	AND AND STREET			
Sample Collection Ti	ime: O	930		Laboratory:		^	
Shipped by:	TKB				yes)/ no	Horio	<u>ca</u>
Amifysis	MA SWAM SKENNINGS TORONS AND	RO SPECIO CONTROLLAR CONTROLLAR CONTROLLAR CONTROLLAR CONTROLLAR CONTROLLAR CONTROLLAR CONTROL	Preservative		<u>уе</u> \$)/ по		
VOCs	8260	3x40ml VOAs	нсі			Comment	
Iron	6010	500ml plastic	HNO <sub>3</sub>	<b>/</b>			
Cations (Ca, Na, K,				7	<del></del>		
Mg)	6010	500ml plastic	HNO <sub>3</sub>		· <u></u>		
Chloride	300	500ml plastic	None V			M-1	
Alkalinity	310	500ml plastic	None				
Section 18			er	OMMENTS			
		<del></del>		The state of the s			
<del></del>						<del></del>	
			<del></del>		<del></del>	<del></del>	

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Sampler(s) Jol	\. T	00 51	· 12 \	<b>6</b> 1 1			
	100 1 1 CC	elley & ho	ru ber	helette		Date:	1-25-12
wen Condition:	book	, 0				Weather:	80° F Surmy
						Llia	Me wind.
				AL INFORMAT		(	
	d Peristal	tic (Waterra for VOC	's)	Water Column			
Total Depth: 7	تإيرة	2		Well Diameter	: 4"		
Depth to Water:	13,9			Purge Volume:	1.5	<u> </u>	
Depth to Product:	MA						
		LOW FLO	W MEASUREN	MENTS AND FI	ELD PARAMET	TERS	
Start Purge Time:	135	0		Total Volume I			
Volume Purged	Time	Conductivity	pН	Temp.	ORP	DO	
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(ing/L)	Appearance
0.5	1355	4,964	5.80	a),40	482-8	1.04	0000
1.0	1400	4.988	5.86	21.59	482.7	1.07	
1.5	1405	5.012	5.88	21.65	482.8	) (O	COOL
			17808	1011100	100.0	13)	Clas
			<b> </b>				<u> </u>
						<del></del>	
							<del></del>
			<del> </del>				
<del></del>		· · · · · · · · · · · · · · · · · · ·					<del></del>
·	<del>                                     </del>	<del></del>					
						1200	
Sample Collection Ti	ime: \ <	(AE		andeathisvii (5/	: 7		
Shipped by:	Ime:	(05	_	Laboratory:		mocio	Ca
Agalysis		<u>)                                      </u>			yes / no	·	
	. ,		Preservative	<u> </u>		Comment	na atau an an an an an an an an an an an an an
VOCs	8260	3x40ml VOAs	HCI 🗸				
Iron Cations (Ca, Na, K,	6010	500ml plastic	HNO <sub>3</sub>				
Mg)	6010	500ml plastic	HNO <sub>3</sub>				
Chloride	300	500ml plastic	None				
Alkalinity	310	500ml plastic	None		<del></del>		
		pastic	TOTAL CONTRACTOR OF THE PARTY O				
				imments			
		<del></del>	· · · · · · · · · · · · · · · · · · ·	<del></del>	· · · · · · · · · · · · · · · · · · ·		—
····	<del></del>	<del></del>	<del>_</del>	· · · · · · · · · · · · · · · · · · ·	<u> </u>	<del></del> ,	
······································	<del></del>	<del> </del>	- <del> </del>	······································	<u> </u>		

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2 1 1 1		0.0 ( )		<del></del>			
Sampler(s)	<u>سُ رَح</u>	elley & he	<u>ra Berl</u>	helette		Date:	4-25-12
Well Condition:	book. L	elds pain	A.			Weather:	80°F Sunny
	<u> </u>			·		le	aht wind
	_		GENERA	L INFORMAT	ION	(	J
	d Peristal	tic (Waterra for VOC	s)	Water Column	: 18.	X	<u>and a supplication of the</u>
Total Depth: 2	77.72	)		Well Diameter			
Depth to Water:	15-3	57		Purge Volume:	2.0	· · · · · · · · · · · · · · · · · · ·	
Depth to Product:	MA						· · · · · · · · · · · · · · · · · · ·
		LOW FLO	W MEASUREM	IENTS AND FI	ELD PARAME	TERS	
Start Purge Time:	1310			Total Volume I		٥.	
Volume Purged	Time	Conductivity	рН	Temp.	ORP	DO	<b>A</b>
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	Appearance
<u>0,5</u>	1315	0.653	6,56	16.86	407.6	2.48	clear
1.0	1320	0.700	6,05	16.74	480.9	1.66	Clean
45	1325	O.732	6.09	110.78	5018	1.29	clean
20	1330	OPT.O	6.14	16.75	506.4	1.10	CUON
				1.01.1.2	200.4	7.10	Clly
					<u>'</u>		· · · · · · · · · · · · · · · · · · ·
		···					· · · · · · · · · · · · · · · · · · ·
							M
		SAMBLE	na leteritana.	SIN RISE			
Sample Collection Ti	ime: \2	30		Laboratory:			
Shipped by:	-11/62				yes)/no	twoice	<u>ca</u>
	Method	Container (9) 8 8	Description	COC Seat:	y <u>es)/ no</u>		
VOCs .	8260	3x40mi VOAs	HCI V	/		Comment	
ron .	6010	500ml plastic	HNO <sub>3</sub>				
Cations (Ca, Na, K,		<b>2</b>	111103		_		
Mg)	6010	500ml plastic	HNO <sub>3</sub>				
Chloride	300	500ml plastic	None		1	· · · · · · · · · · · · · · · · · · ·	······································
\lkalinity	310	500ml plastic	None			*	
			¢ο	MMENTS			
	<del></del>						
<del></del>	*					<del></del>	
<del></del>				<u> </u>	· · · · · · · · · · · · · · · · · · ·	<del>". "</del> _	· · · · · · · · · · · · · · · · ·
					· · · · · · · · · · · · · · · · · · ·		

DUP-3 collected @ 1200.

#### Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID MW-12B

Sampler(a) Tal	- T'-		. 63 .	<u> </u>	<u></u>			
Well Condition	i saadi	elley & he	ed Bed	heletta	<del></del>	Date:	-25·	-12
(	3	, 0				Weather:	20, C	Swany
-					-	119	w w	ind t
Ourge Pump Metho	d Davista	tic (Waterra for VOC	GENERA	L INFORMAT				
Total Depth: 3	2.63	tic (waterra for VOC	(S)	Water Column		<u>05                                    </u>	·	
Depth to Water:	12.5		<del></del>	Well Diameter				
epth to Product:	NÃ	Δ		Purge Volume	15	<u></u>		
To I I du ueu	7417	LOW TO						
tart Purge Time:	1230	LOW FLO	W MEASUREN	ENTS AND FI		TERS	<u> </u>	
olume Purged	Time		T	Total Volume l	Purged:\\		<del></del>	
Gallons)	(min)	Conductivity	pH	Temp.	ORP	DO	· · ·	Appearance
O.5	1235	3,412	5.52	(Celcius)	(mV)	(mg/L)	<u> </u>	
1.0	1240	3,359	5,49	19,42	459.9	1.33	Clec	
1.5	1245	3300	2,51	19 44	<b>50</b> 2.8	1.00	clea	
	1/8/0	<u> </u>	3.51	17.94	487.1	1.06	de	2
·	1						·	<u> </u>
	<del>                                     </del>	· · · · · · · · · · · · · · · · · · ·	<u> </u>					···
	1	·	-				<del></del>	
	1	······································						
· · · · · · · · · · · · · · · · · · ·	<del> </del>						·	
	<del>  </del>	<del></del>					<del></del>	
mple Collection Ti	ime· / 🎗	45	oraide Mona	NDANETTIC				3.0
ipped by:	148	170		Laboratory:	Jest 1	twois	ca	<u> </u>
Analysis	W. A. B.		CONTRACTOR CONTRACTOR CONTRACTOR OF THE PARTY OF THE PART		yes / no			
)Cs	8260	3x40ml VOAs	Preservative	/		Comment	•	
)n	6010	500ml plastic	HCI					·
tions (Ca, Na, K,	5010	Soomi piasiic	HNO <sub>3</sub>					
g)	6010	500ml plastic	HNO <sub>3</sub>					
loride	300	500ml plastic	None		<del></del>	<del></del>	<u> </u>	
kalinity	310	500ml plastic	None					<del></del>
		- Bulkar - Parkin en grad	60	MMENTS.				200
					<del></del>	<del></del>		
						<del></del>	<del></del>	

DOP-2 collected

#### Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID MW-68

		11 C X								
Sampler(s)	•	elley & he	ra Bert	heletta		Date:	4-25-12			
Well Condition:	(500e) ·	needs pa	Eni		·	Weather:				
	ر					1 <i>L</i>	ight wind)	j		
	يست نيسسست		GENER/	AL INFORMAT	ION		J			
Purge Pump Method		tic (Waterra for VOC	s)	Water Column	n: 20°	95	the same of the sa			
Total Depth: 3	<u>4.38</u>	<u> </u>		Well Diameter:		_ <del></del>				
Depth to Water: \	3,4	3		Purge Volume:	<del></del>		<u>, , , , , , , , , , , , , , , , , , , </u>			
Depth to Product: \	AK									
	<u> </u>	LOW FLO	W MEASUREN	MENTS AND FIL	ELD PARAME	TERS				
Start Purge Time:	1200	)	·		Purged: \. 5	1 224				
Volume Purged	Time	Conductivity	pН	Temp.						
(Galions)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	Appearance			
D.5	1205	5.326	5.38	19.31	490.0	1.04	con			
1.0	1210	5,346	5.54	19.19	496.1	1.02	0000			
1.5	1215	5.367	5.69	19.04	482.3	1,02	0000			
					VOQ.	1,00	- Cluan			
		l				<b>—</b>	<del></del>			
		i			<del>                                     </del>	<del> </del>				
		1	†		<del>                                     </del>	<b></b>				
		1			<del> </del>	<del> </del>				
							-			
				<del>                                     </del>	<del> </del>	<del> </del>				
		SAMPING (C	O DESERVATIONS	AND/ANEYTIC	eteroperd ver	TANK .				
Sample Collection Ti	ime:	215		Laboratory:		^				
Shipped by:	INB				yes / no	Ameri	Ca			
	Method	Container(s)	Preservative	CT POSCONOCIONALIMENTA	yya)/ nu	Comment		200		
VOCs	8260	3x40ml VOAs	HCI 🗸			Seomnen.				
Iron	6010	500ml plastic	HNO <sub>3</sub>					-		
Cations (Ca, Na, K,						<del></del>				
Mg)	6010	500ml plastic	HNO <sub>3</sub>							
Chloride	300	500ml plastic	None	<u> </u>	<u></u>					
Alkalinity	310	500ml plastic	None							
			Çí	ÖMMENTS						
		<del></del>	<del></del>	<del></del>						
<del></del>										
	<del></del>	<u>_</u>								
-							<del></del>	-		

### Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID <u>Mルースイル</u>

		4.0						
Sampler(s)		elley & ho	<u>ra Bed</u>	heletta		Date: 4	1-25-12	
Well Condition:	food.	veeds po	int			Weather:	75°F Starry	
`	J	<u> </u>				1	Lake the	
			GENERA	AL INFORMAT	ION		()	
Purge Pump Metho	d Perista	ltic (Waterra for VOC	s)	Water Column		. <b>X</b>		
Total Depth: 3	QQ.Q	)		Well Diameter		, O		
Depth to Water:	4.36	)	<del></del>	Purge Volume:				
Depth to Product:	AM			I dige voiding.	<u> </u>	<del></del>	· · · · · · · · · · · · · · · · · · ·	
		LOW FLO	W MEASUREA	MENTS AND FIL	OF TABLES AND AND AND ASSETT			
Start Purge Time:	1025	5	II DEBELOUELLE	E .		TERS		
Volume Purged	Time	Conductivity	рН	Total Volume Purged: 2,5				
(Galions)	(min)	(mS)	1	Temp.	ORP	DO	Appearance	
0.5	1030	3,534	(SU) 6.67	(Celcius)	(mV)	(mg/L)	Α	
1.0	1035	7		18.66	4 151	4,49	Clear	
1.5	1040	4.648	6.24	18.89	2447	2.19	Clear	
8.0	1045	5.199	1 T	19.15	248.8	1.77	Clar	
2 5	+	<del></del>	6.19	19.38	540.4	1.33	herora clear	
-a.,	1050	5-207	6.21	19.36	530.0	1,27	Clean	
	<del>                                     </del>	 						
	-				,		<del></del>	
	<u>  </u>							
		***************************************						
		SAMPLE CO	OLIDECTIONA	ND ANEWFICA	LE INFORMAT	m		
Sample Collection Ti	1 1	50		Laboratory:	\	Ameri		
Shipped by: TT	THB	<u> </u>			yes)/ no	MIN TO		
Anilysie <sup>ac</sup>	Method	e Container(9)	Preservative	-	<del>/                                    </del>	Comment		
VOCs	8260	3x40ml VOAs	нсі 🗸	<b>/</b>		- Samurem		
Iron	6010	500ml plastic	HNO <sub>3</sub>	<del></del>	<del></del>	<del></del>		
Cations (Ca, Na, K,					<del></del>			
Mg)	6010	500ml plastic	HNO <sub>3</sub>		· · · · · · · · · · · · · · · · · · ·			
Chloride	300	500ml plastic	None				·	
Alkalinity	310	500ml plastic	None					
			ξO	MWENTS				
	, s							
·							· · · · · · · · · · · · · · · · · · ·	
			2		······································	<del>-</del>		
		<del></del>	<u> </u>		<u> </u>			

DOP-1 collected @1200

FB-1 collected @ 1045

### Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID

Sampler(s) To	Nv 7	200 - 1-1	` 12 \	N 1 1	<del></del>				
Well Condition: D	AC Oic	chey a no	ru peu	melette		Date: 4	1-25-12		
Condition:	ac bit	elley & he be come ur	scorble	v ≈ 3, ±	cm top.	Weather:	73°F Sunny		
						lla	ut wind.		
Purge Pump Metho	od Perista	ltic (Waterra for VOC	GENERA	RAL INFORMATION U					
Total Depth: 3	3,09		.8)	Water Column		<u> </u>			
Depth to Water: \	4.00	<del></del>		Well Diameter		<del></del>			
Depth to Product:	MA	<u></u>	<u> </u>	Purge Volume:	1.5	<del></del>			
		LOW ELO	W MEACIDES	AFFEC AND DW					
Start Purge Time:	0940	LOW FLO	W MEASUREN	MENTS AND FI					
Volume Purged	Time	Conductivity	]:	Total Volume 1		ラ	· · · · · · · · · · · · · · · · · · ·		
(Gallons)	(min)	(mS)	pH	Temp.	ORP	DO	Appearance		
Ø√5	0945	3.662	(SU) 6.47	(Celcius)	(mV)	(mg/L)			
1.0	0950	3.676	6.54	19.11	294,4	0.82	Clear		
1.5	0955	3.677	654	14/16	311.2	0,94	clas		
			PCIO	7-1.14	323.5	0.95	Clean		
				<u> </u>	· · · · · · · · · · · · · · · · · · ·		<del></del>		
							<del></del>		
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					···	-	<del></del>		
		<del> </del>		<u> </u>					
		e sa Saviete(é	n a a verman v						
Sample Collection T	ime: 🗥	955							
Shipped by:	TINB			Laboratory: COC Seal?	Jest 1	mocio	<u> </u>		
Amatvais	A SANCTOCK AND DATABLE OF	Container(s):	Preservative	coc sear.	yes / no				
/OCs	8260	3x40mi VOAs	HCi V	/		«Comment			
ron	6010	500ml plastic	HNO <sub>3</sub>						
Cations (Ca, Na, K, /Ig)			221(03			· — —			
	6010	500ml plastic	HNO <sub>3</sub>	<del>-</del> ,,,					
hloride	300	500ml plastic	None						
Alkalinity	310	500ml plastic	None				· · · · · · · · · · · · · · · · · · ·		
			CO	MMENTS.					
	<del></del>		<u> </u>						
	<del></del>			· · · · · · · · · · · · · · · · · · ·					
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# Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID May - 268

Sampler(e) To	~ T	. 11		b 1 1		<del></del>	
Well Conditions	100 16	elley & he	ic pec	thelette		Date:	4-24-12
Wen condition.	greek.	when bo	itm.				80°F Swary
			CENTRA			lle	int wind
Purge Pump Metho	d Davista	ltic (Waterra for VOC	GENER	AL INFORMAT	man in the same of		)
	6.86		:8)	Water Column		<u> </u>	
Depth to Water:	12.2		<del></del>	Well Diameter			
Depth to Product:	NA		· · · · · · · · · · · · · · · · · · ·	Purge Volume	8-0		
Sopia to Froducti	1411	T OWN TV O					
Start Purge Time:	1610	LOW FLO	W MEASUREN	MENTS AND FI			
Volume Purged	Time	, C		Total Volume	Purged: 2	<u>ව</u>	
(Gallons)		Conductivity	pH	Temp.	ORP	DO	Appearance
3.5	(min) 165	(ms)	(SU)	(Celcius)	(mV)	(mg/L)	
7.6	1620		8,58	17.69	423.1	6.01	Clear
1.5	1625	2.373 2.482	6.65	12.01	491-9	3.97	clear
2,0	630	2,458	6.38	17.10	233%	3.72	Clear
0,10	11050	a, 730	6.05	17.05	543.6	2.13	clear
	<del>                                     </del>						
	<del></del>	<del></del>					
	++				, , , , , , , , , , , , , , , , , , , ,		
· · · · · · · · · · · · · · · · · · ·	1	· · · · · · · · · · · · · · · · · · ·					
	┼┈┤						
Sample Collection T	·_ · · · · · · · · · · · · · · · · · ·	630	OFFIRE THOO.	NDANEYEE/	LEINFORMAT	ION.	
Shipped by: 37		<i>03</i> 0		Laboratory:	Jest 1	mocio	ca
CHROST CONTROL CONTROL AND AND AND AND AND AND AND AND AND AND	Target and the second second			COC Seal?	yes / no		
VOCs		Container(s):		<del>/</del>		Comment	
lron	8260 6010	3x40ml VOAs	HCI 🗸	<u> </u>			
Cations (Ca, Na, K,	9010	500ml plastic	HNO <sub>3</sub>	_	·		
Mg)	6010	500ml plastic	HNO <sub>3</sub>				
Chloride	300	500ml plastic	None			·	
Alkalinity	310	500ml plastic	None			<del>~</del>	· · · · · · · · · · · · · · · · · · ·
			Čiti	MMENIS			
	<u> </u>				······································	<del>-</del>	
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### Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID (\(\subseteq\) - 20 B

S(2) T 2	~~~	0.0		A		<del></del>				
Sampler(s)	1N / C	elley & he	ry Bert	helette		Date:	4-24-12			
Well Condition:	. trica				80°F Sunny					
					-	Lugh	I wind t	-		
				L INFORMAT	ION	0				
Purge Pump Metho	s)	Water Column			<u> </u>	k-				
	7049	) <del>\</del> \		Well Diameter	<i>: 6</i> ''					
Depth to Water:		Purge Volume: 5								
Depth to Product: \	NA									
		LOW FLO	W MEASUREM	IENTS AND FI	ELD PARAME	TERS				
Start Purge Time:	153	5		Total Volume Purged:  5						
Volume Purged	Time	Conductivity	рH	Temp. ORP DO Appearance						
(Galions)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	Appearance			
0,5	1540	4.438	6.52	17.89	28.7	208	Clear			
1.0	1545	4.603	6.40	17.86	118.7	7-34	a) as			
1.5	1550	4637	6.43	17.89	183-7	0.91	Clar			
	T			( 120 (	103-1	0. 11	Wear			
		· · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·				
			7							
						-				
<u>-</u>	<del> </del>		<del>                                     </del>							
					<del></del>					
						na Constitution and				
Sample Collection Ti	\6	SAMPLE C			:					
Shipped by:	T / K	<u> </u>		Laboratory:	Jest 1	mori	Ca			
NAMES OF TAXABLE PARTY OF THE PROPERTY OF THE PARTY OF TAXABLE PARTY.	A CONTRACT OF	Container(s)	VACCOUNTERS OF THE PROPERTY OF A	COC Seal? /	yes / no		100 a a a a a a a a a a a a a a a a a a			
VOCs	1 1		Preservative	<del>/</del> -		Comment	3			
Iron	8260 6010	3x40ml VOAs	HCl \	<i></i>			<u></u>			
Cations (Ca, Na, K,	0010	500ml plastic	HNO <sub>3</sub>					_ [		
Mg)	6010	500ml plastic	HNO <sub>3</sub>							
Chloride	300	500ml plastic	None	······································			·	$\dashv$		
Alkalinity	310	500ml plastic	None					<b>—</b> İ		
	n v		AND SOUR REAL PROPERTY.	MMENTS						
			<del></del> _					4		
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								- 1		

# Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID

Sampler(s) Tolk	\\\\ \	elley & he	1 8 1	11 - 1			1 21 15			
Well Condition: 9	ici heu	161-64-C	Date: 4-34-13							
Wen Condition.	July.	needs p	eurt.			Weather:	30°F Stunn	4		
					ant wind					
Purge Pumn Metho	d Parietal	tic (Waterra for VOC:		L INFORMAT		£				
Total Depth:	4 11	tic (waterra for VOC	8)	Water Column: 20,61						
Depth to Water: \	Well Diameter: 4"									
Depth to Water: \ Depth to Product: \	Purge Volume: \5									
Depta to 1 roduct.	7411	1071 7		MENTS AND FIELD PARAMETERS						
Start Purge Time:	145	LOW FLOW	W MEASUREN	1		_				
Volume Purged	Time		T	Total Volume Purged:  5						
(Gallons)		Conductivity	pH	Temp.	ORP	DO	Appearance	2		
(Ganons)	(min)	(ms) 2,291	(SU)	(Celcius)	(mV)	(mg/L)				
1.0	1505		6.67	90,99	49,6	0.75	Clar			
15	120	2.515	6.34	30.41	19.7	0.64	clear			
	1,2,0	8,018	6.32	do.49	18.3	9.66	Clar			
<u> </u>	<del> </del> i	<u> </u>								
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<u>-</u>					,	ļ				
	<u> </u>	<u></u>								
	-	<del></del>				<u> </u>				
		Sparinage		ND ANLYTICA		FION				
Sample Collection Ti		510		Laboratory:	136V4	<u>Ameci</u>	Ca			
ACCUSED AND DESCRIPTION OF THE PROPERTY AND	48			COC Seal?	yes)/ no		WW. Control of the Co			
Analysis				<del>)</del>		Commen	3			
VOCs	8260	3x40ml VOAs	HCI 🔽				·			
Iron Cations (Ca, Na, K,	6010	500ml plastic	HNO <sub>3</sub>							
Mg)	6010	500ml plastic	HNO <sub>3</sub>							
Chloride	300	500ml plastic	None	<del></del>	· · · · · · · · · · · · · · · · · · ·	<del></del>	<del></del>			
Alkalinity	310	500ml plastic	None				<del></del>			
				MMENTS						
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		<del></del>			······································	**************************************	<u> </u>			
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# Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID \_\_\_\_\_

Sampler(s)	NV TO	elley & ho	12 1	N 1 11		7			
Well Condition: @	10 CANA	acob pa	T DEG	meletta		Date: 4-24-12			
7	3	acon ba	nd.			Weather:	80°F Sume		
			CENTER				wind?		
Purge Pump Methe	nd Parietal	tic (Waterra for VOC	GENERA	AL INFORMAT			O <sub>1</sub>		
Total Depth:	101sta	MIC (WHIEFFR TOP VOL	.s)	Water Column		9			
Depth to Water:		190	<del></del>	Well Diameter: 2					
Depth to Product:	$\frac{1}{\Delta I A}$	<u> </u>	<del></del>	Purge Volume: \					
Depth to a routet.	1411	i i i i i i i i i i i i i i i i i i i	<del></del>						
Start Purge Time:	7410	LOW FLO	W MEASUREM	MENTS AND FI	ELD PARAME	TERS			
			<del></del>	Total Volume Purged: \ 5					
Volume Purged	Time	Conductivity	pH	Temp.	ORP	DO	Appearance		
(Gallons) (つょう	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	F. Lus man		
	1415	7,341	7. 94	18.32	264.8	1.07	Clarati		
1.6	1490	<u> 4.024</u>	6.89	18-64	3498	0.63	CLONDY		
1,5	1425	2.006	0518	18.92	408.9	0.5%	Clarates		
	<del>                                     </del>	· · · · · · · · · · · · · · · · · · ·					Conse		
· · · · · · · · · · · · · · · · · · ·							<del> </del>		
<del></del> -							· · · · · · · · · · · · · · · · · · ·		
	<u> </u>						<del></del>		
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<del></del>									
							<del></del>		
		a Esta de SZZMINGE (S	OBBEGINOS A	ND AND VITTE					
Sample Collection T	ime:	1a5		Laboratory:					
Shipped by:	I/KR	\			yes)/ no	meric	<u> </u>		
Analysis	Method	Containerts	Preservative	(	<u> </u>				
VOCs	8260	3x40ml VOAs	HCI V	/		Comment			
ron	6010	500ml plastic	HNO <sub>3</sub>						
Cations (Ca, Na, K, Mg)	4		22.103			····			
<del></del>	6010	500ml plastic	HNO <sub>3</sub>		·				
Chloride	300	500ml plastic	None			<del>"</del>			
Alkalinity	310	500ml plastic	None			· · · · · · · · · · · · · · · · · · ·			
			co.	MMENTS					
· · · · · · · · · · · · · · · · · · ·									
					······································		<del> </del>		
					<del></del>	<del></del>			
		_ <del>-</del>							

# Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID \_\_\_\_\_\_\_

Sampler(s) Joy	~ T/	-00 +1-	· 12 · )	. 6 1 1		<del></del>			
Well Conditions (2)	7)	elley & ho	ich sou	helette	<del></del>	Date:	4-24-12		
Wen Condition.	) BESSER .	MERRO FOR	. KNL			Weather:	77° F Surry		
			GENER/	AL INFORMAT	TON	<u> </u>	Comment of the commen		
		ltic (Waterra for VOCs	s)	Water Column		7 .	The same of the sa		
Total Depth: 2	9.79			Well Diameter	<del></del>		<del>-</del>		
Depth to Water:	12,96	2		Purge Volume:					
Depth to Product: \	AK								
		LOW FLO	W MEASUREN	MENTS AND FI	ELD PARAMI	ETERS			
Start Purge Time:	1330	5		Total Volume I		5			
Volume Purged	Time	Conductivity	pН	Temp.	ORP	DO	A		
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	Appearance		
0.5	1335		6.24	17.37	-14.8	(Mg)	Clardy Back		
1.0	1340	1.929	6.45	18.23	-31,6	0.52	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
1.5	1345	8.243	6.48	18.30	-251	6.55	Clarid Charles		
2.0	1350	2.344	6.50	18.35	-13.1	0.57	cleridi.		
2.5	355	2.367	6.51	18.52	-75	0.57	Clerial.		
			1	10000	<del>- 12.1</del>	<u> </u>	Cloudy		
				<del></del>	<del></del>	+	<del> </del>		
		I		<u> </u>	<u> </u>	-			
		1		<del></del>	<del></del>	<del> </del> -			
					<del></del>	<del> </del>			
	( ) ( ) ( ) ( ) ( ) ( )	និង និង និវៈសំព្រំ។ ទី(c)	OBBECTION?	AND AND STUG					
Sample Collection Ti	ime:	355		Laboratory:	1				
Shipped by: TT	148				yes / no	Ameri	<u>Ca</u>		
Analysis	S PARCESCONOS SERVINOS SE	Container(s)		COC Stan.	Yes // 110				
VOCs	8260	3x40ml VOAs	нсі 🗸			Comment	<b>is</b>		
Iron	6010	500ml plastic	HNO <sub>3</sub>		<del></del>				
Cations (Ca, Na, K,					<del></del>				
Mg)	6010	500ml plastic	HNO <sub>3</sub>	<del></del>	···				
Chloride	300	500ml plastic	<b>N</b> опе	<del></del>			· · · · · · · · · · · · · · · · · · ·		
Alkalinity	310	500ml plastie	None						
			e co	IMMENTS					
		<del></del>	<del></del>						
			<del></del>						
<del></del>			<u></u>	<del>-</del>	-		· · · · · · · · · · · · · · · · · · ·		
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### Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID <u>PF-14B</u>

Samula (C. T.)	- 77	0.0						
Sampler(s) JOY	1 /G	elley & ho	rd Bey	thelette		Date: 4	1-24-12	
Well Condition: C	1000 . Y	rogs exte	via v	ranking. Weather: 72°F Survey				
			GENER	AL INFORMATI	ON	1 .~~	J when	
Purge Pump Metho	d Perista	ltic (Waterra for VOC	s)	Water Column		^		
Total Depth: 34			· · · · · · · · · · · · · · · · · · ·	Well Diameter:				
Depth to Water:	14-47	)	<u> </u>	Purge Volume:				
Depth to Product:		- ange volume. Of 5						
		LOW FLO	W MEASUREN	MENTS AND FIR	I D PADAME	rene		
Start Purge Time:	1190			Total Volume P		Z EKS		
Volume Purged	Time	Conductivity	pН	Temp.	ORP	<u> </u>		
(Gallons)	(min)	(mS)	(SU)	(Celcius)		DO	Appearance	
<b>6.3</b>	1128	3.466	18.2	16.20	(mV)	(mg/L)		
200	1.0	0.5 00	1 2001	16,80	<u> </u>	Coll	clear	
	17	7						
							<del></del>	
				<del>                                     </del>			· · · · · · · · · · · · · · · · · · ·	
		· · · · · · · · · · · · · · · · · · ·					· · · · · · · · · · · · · · · · · · ·	
					· · · · · · · · · · · · · · · · · · ·		<u> </u>	
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			<del></del>	<u> </u>	·			
						US (S. Oracio)		
Sample Collection Ti	ime: 1,2)	ල්ථා	22 23 23 11 0/5 75	and anlytica				
Shipped by:	- IK?	ζ		Laboratory:	year 1	twoir	ca	
CONTRACTOR ASSESSMENT CONTRACTOR AND AND AND AND AND AND AND AND AND AND	N. Carlot	Container(s):	Preservative	COC Seal?	/es)/ no			
VOCs	8260	3x40ml VOAs		<del>/</del>		Comment		
Iron	6010	500ml plastic	HCI V		-·· <u>·</u>	·		
Cations (Ca, Na, K,	0020	Soomi piastic	HNO <sub>3</sub>	<del></del>				
Mg)	6010	500ml plastic	HNO <sub>3</sub>	i 				
Chloride	300	500ml plastic	None					
Alkalinity	310	500ml plastic	None		<del></del>			
			C C	MMENTS		1000		
Dry	@0	5 gal	Lolt		Control of the Contro	0.001	hen sampled	
<u>U</u>		0	0		X	Je 4	vy Jampyd	
				· · · · · · · · · · · · · · · · · · ·	<del></del>	<del></del> -		
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# Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID PF-138

Sampler(s)	NN T	elley & ho	. 12	1	<del></del>	<del></del> _		
Well Condition:	il bec	the144-c		Date: 4	4-94-19			
		Ŭ				Weather:	63°F Sunny	
			GENER	AL INFORMAT	ION	1,11	gur wind	
Purge Pump Metho	d Peristal	ltic (Waterra for VOC	Cs)	Water Column		<u> </u>		
	76.42			Well Diameter		Δ	<u> </u>	
Depth to Water: /	2.63	2		Purge Volume		····		
Depth to Product:	NA		······································	2 digo voidine	017	<del></del>		
		LOW FLO	W MEASURE	MENTS AND FI	EI D PADAME	TEDE		
Start Purge Time:	703,	<u> </u>		Total Volume				
Volume Purged	Time	Conductivity	pН	Temp OWD TO				
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	DO	Арреагансе	
<b>403</b>	1038	4.439	6.49	15,14	147.3	(mg/L)	0\0 1 15	
0,6	1041	4.441	656	15.06	193-7	0.95	Claudy brown	
0,9	1044	4.441	6.59	15.11	211.7	0.96	Cloudy	
				1	X / / /	0.74	Cleridy	
							0	
						<del> </del>		
				<del> </del>	<u> </u>			
		- <del></del>			<del>-</del>			
					· <u></u>			
		SAMBLE	(การส่วงสาเกาเกา	andari vijić,				
Sample Collection T	ime: \O	45	taliana de desta de la caleda.	Laboratory:				
Shipped by: 沈	146	)			yes / no	Ameri	<u>Ca</u>	
Audivate:	Method	Container(9).	Preservative		ווע און און און	Comment		
VOCs	8260	3x40ml VOAs	нсі 🖠			e Comment		
(ren	6010	500ml plastic	HNO <sub>3</sub>		<del></del>			
Cations (Ca, Na, K, Mg)	6040							
	6010	500ml plastic	HNO <sub>3</sub>					
Chloride	300	500ml plastic	None	·				
Alkalinity	310	500ml plastic	None					
			ec	DMMENTS				
	<del></del>	<del></del>						
	·							
<del></del>							- · · · · · · · · · · · · · · · · · · ·	

# Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID \( \frac{\text{PF} - 9 \text{A}}{\text{A}} \)

Samplanta Tak	· ~	. 0 // L \					
Sampler(s) JOY	17/ / G	elley & he	u per	thelette		Date:	
Well Condition:	20di -	J				Weather:	63°F Sunny
						l sti	but word
	. ·			AL INFORMAT	ION	(	
Purge Pump Metho	d Peristal	tic (Waterra for VOC	5)	Water Column		09	
Total Depth:	1.79			Well Diameter			
Depth to Water:	14.70	)		Purge Volume	:0.3		
Depth to Product: \	AK_					<del></del>	
		LOW FLOY	W MEASUREN	MENTS AND FI	ELD PARAMI	ETERS	
Start Purge Time:	1005	5		1	Purged:	-	
Volume Purged	pН	Temp.	ORP	DO	1		
(Galions)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	Appearance
0.3	1000	4.211	6.47	16.04	21.1	8.08	Clear
D	246			1		19,100	CLEAR
		-			T	<del>                                     </del>	
			· · · · · · · · · · · · · · · · · · ·			<del> </del>	
						<del> </del>	
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				<del> </del>	<del>                                     </del>	<del> </del>	
		-	·			<del> </del>	
Sample Collection Ti	ma / 🔾	SAMPLE CO	al market drova			^	
Shipped by:		<u></u>		Laboratory:	7504	Ameri	Ca
Analysis	TOTAL STATE OF THE PARTY OF THE			COC Seal?	yes / no		
VOCs	8260	Container(s):		7		Commen	(g. 1915) - 1915 - 1915 - 1915 - 1915 - 1915 - 1915 - 1915 - 1915 - 1915 - 1915 - 1915 - 1915 - 1915 - 1915 -
Iron	6010	3x40ml VOAs	HCI V				
Cations (Ca, Na, K,	0010	500ml plastic	HNO <sub>3</sub>				
Mg)	6010	500mi plastic	HNO <sub>3</sub>				
Chloride	300	500ml plastic	None				
Alkalinity	310	500ml plastic	None			<del></del>	
		100000000000000000000000000000000000000		MMENTS			
DV, @C	15 m	al Allan		The second secon	الدميال		4.7
-3-	9	7,1000	IU	secha	gern	V AN	mp Col.
		· · · · · · · · · · · · · · · · · · ·		<del></del> -			······································
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#### Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID PF-98

Sampler(s)	N. 7	alley & he	2	11-11-		<del></del>	
Well Condition; ©	youry h	relief & ho	ru ber	the letter			1-24-12
77 63	9	description.		·		Weather:	ht wind
			GENER	AL INFORMATI	ION	0	d b-ii u
	od Peristal	altic (Waterra for VOC	_s)	Water Column		$\wedge$	
Total Depth: 3	<u>4,30</u>	)		Well Diameter:			
Depth to Water: 15	4.90			Purge Volume:	<del></del>	<del></del>	
Depth to Product: \	AM				<u> </u>	<del></del>	
		LOW FLO	W MEASURE!	MENTS AND FIR	ELD PARAME	TEDS	
Start Purge Time: (	093	5	·	Total Volume P		9	
Volume Purged	Time	Conductivity	рН	Temp.	ORP	DO	T
(Galions)	(min)	(mS)	(SU)	(Celcius)	(mV)	1	Appearance
0.3	0938	4.372	6.26	15.93	314.8	(mg/L)	+
0,6	0941	4.357	6.41	16.13	314.7	0.90	A
0,9	0944	4.347	6.43	16.16	417.4	0.79	Clarate
			16031-2	10.12	7111	10-1-0	CLEATO
			<del></del>	<del> </del>	+	<del></del>	<del> </del>
	1		<del> </del>	<del> </del>	<del> </del>	<b></b>	<del> </del>
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	<del></del>		<del>                                     </del>	+	<del></del>	<b></b>	<del></del>
	<del>                                     </del>	<del></del>	<del> </del> '	<del></del>	<u> </u>	4	
1	++		<del> </del> '	<del></del>	<del></del>	<b></b>	<u> </u>
Sample Collection Ti	······	945		and aniameter			
Shipped by:	TIKB			Laboratory:	Teat 1	America	ca
Anatvais	SECTION OF THE PROPERTY OF THE PARTY OF THE	SONO POSPERANDO A PROPERANDO DE CONTRACTOR D		COC Seal?	yes / no		
Ananysis VOCs				<b>,</b>		Comment	
VOCs Iron	8260	3x40ml VOAs	HCI	<u></u>			
Iron Cations (Ca, Na, K,	6010	500ml płastic	HNO <sub>3</sub>	<del></del>			
Mg)	6010	500ml plastic	HNO <sub>3</sub>	1			
Chloride	300	500ml plastic	None	ſ <u></u>			
Alkalinity	310	500ml plastic	None	f			
				OMMENTS			
	A Section of the sect		A	AllAlexandre			
	·						
				<del></del>		<del></del>	<del></del>
		<del></del>			<del></del>		

#### Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID <u>(Mw-8B</u>

Sampler(s) Took	No. 77	00 + 10	- 12 . 1	N 1 1		1 4	
Sampler (a) ANT	<u> </u>	reldy pair	ia sou	heletta		Date: 5	1-23-12
Well Condition.	June 1	· · · · · · · · · · · · · · · · · · ·		·		Weather:	GO F Sunny Whol
	<u> </u>			AL INFORMATI		J	
		ltic (Waterra for VOCs	.s)	Water Column	n: 19,6	31	A CONTRACTOR OF THE PERSON OF
	22.03			Well Diameter:			
Depth to Water:	13,80	入	<del></del> -	Purge Volume:	: 1,5		
Depth to Product:	74						
		LOW FLO	W MEASUREN	MENTS AND FIR	ELD PARAMI	ETERS	
Start Purge Time:	1629	<u> </u>		Total Volume P		5	
Volume Purged	Time	Conductivity	рН	Temp.	ORP	DO	Appearance
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	phase see
0.5	1695	1,638	6.88	16.05	-14.0	1-40	Clean
1.0	1630	1.814	6.95	16.18	-2.8	0-84	
1.5	1635	1,858	6.94	16.15	1.6	0.80	Clar
						10000	
			<u> </u>			<b>†</b>	
				<u> </u>		1	
		1			<u></u>	+	<del></del>
		l				1	
		1				+	
		·	<u> </u>	<del></del>		1	
		S/ANTHIBE(6	OFFICERONS	AND AND YUG	A TETRIÉGIQUES		
Sample Collection Ti	ime: 16	35		Laboratory:		^	_
	14B			· · · · · · · · · · · · · · · · · · ·	yes / no	America	<u>ca</u>
Analysis	CO SYNTHESIA MARKATAN INCHES OF	Container(s):	Preservative	COCOL	yya // 110		
VOCs	8260	3x40ml VOAs	HCI	7		Comment	
Iron	6010	500ml plastic	HNO <sub>3</sub>		<del></del>		
Cations (Ca, Na, K,					<del></del>		
Mg)	6010	500ml plastic	HNO <sub>3</sub>	<b></b>			
Chloride	300	500ml plastic	None	<u></u>			
Alkalinity	310	500ml plastic	None				
			c c	OMMENTS			
		<del></del>					
<del> </del>							
<u> </u>							

#### Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID Mw - 213

Sampler(s) To	nn To	eller & ho	ri Bed	the Lotte		Date:	e- 22 12
Well Condition: 🤇	300d.	elley & ho	N.	mert II C		Weather:	67°E 8100
		`				L	67°F Stinny
			GENER	AL INFORMAT	ION		The same of the sa
		ltic (Waterra for VO	Cs)	Water Column	: 14.7	5	
Total Depth:	<u> </u>	<u> </u>		Well Diameter		<del>"</del>	
Depth to Water:	127	0		Purge Volume:	<del></del>		
Depth to Product:	NA						<u> </u>
		LOW FLO	W MEASUREN	MENTS AND FI	ELD PARAME	TERS	
Start Purge Time:	<u> 1550</u>	)		Total Volume I		-	
Volume Purged	Time	Conductivity	рH	Temp.	ORP	DO	T .
(Galions)	(min)	(mS)	(SU)	(Celcius)	(mV)	İ	Appearance
0.5	1555	1.946	6.82	16.23	- 87.9	(mg/L) 0=64	010-
1.0	1600	2.001	6.85	16.41	-83.7	0.47	clear
1.5	1005	2.048	684	16.35	-73:0	0.47	clear
				1 9 (3)	15.0	0.41	crear'
					<del></del>		
						<del> </del>	
					<del></del>	<del>                                     </del>	
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			<del>                                     </del>				
		ecigistry(nings)(				No. of the last of	J. S. S. S. S. S. S. S. S. S. S. S. S. S.
Sample Collection T	ime: \(\)	<u> </u>					
hipped by:	14B		-	Laboratory:	Ject.	America	<u>Ca</u>
		Container(s)		COC Seal?	yes / no		
OCs	8260	3x40mi VOAs	1 "T	<del>/</del>		Comptent	
ron	6010	500ml plastic	HCl HNO <sub>3</sub>	,			
Cations (Ca, Na, K,		Count plastic	HNO <sub>3</sub>		<del> </del>		
Ag)	6010	500ml plastic	HNO <sub>3</sub>		*		
Chloride	300	500ml plastic	None				<u> </u>
lkalinity	310	500ml plastic	None				<del></del>
			£0	MMENTS		100 (400)	
<del></del>							
	· · · · · · · · · · · · · · · · · · ·					<del></del>	<del></del>
<del></del>					<del></del>		
				·			

## Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID SP-16

Sampler(s) Joy	m Ta	elley & ho	rá Bed	hal other	···	Date: 4	1-12-11	
Well Condition: C	ecd v	relator pain	1	11217			-23-12	
(	7		,, 			L'A	68°F Sunny	
	-		GENER/	AL INFORMATION				
Purge Pump Metho	d Peristal	tic (Waterra for VOC		Water Column		96	<u> </u>	
Total Depth: 3	4.75			Well Diameter:		<u>, U</u>		
Depth to Water:	<u>4-79</u>			Purge Volume:				
Depth to Product:	MA					· · · · · · · · · · · · · · · · · · ·	···	
		LOW FLO	W MEASUREN	MENTS AND FI	ELD PARAMET	TERS		
Start Purge Time:	1505	5		Total Volume P		)	· · · · · · · · · · · · · · · · · · ·	
Volume Purged	Time	Conductivity	pH	Temp.	ORP	DO	Appearance	
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	,	
0.5	1515	6.890	6.53	16.13	481.0	0.72	Condulpo	
1.0	1520	6.881	6,60	16.30	480,2	0.73	Cloude	
1.5	1505	6.882	6.59	16.27	481.8	0.75	Cloude	
	<del> </del>							
	<del> </del>							
	<del> </del>							
	<del> </del>				,			
· · · · · · · · · · · · · · · · · · ·	<del>                                     </del>		<u> </u>					
S	. 1	SAMPLE C		and and and the		ION:		
Sample Collection T	1me: 1	5 <i>a</i> 5	·	Laboratory:	Jest 1	meci	Ca	
Analysis		Container(s)e		COC Seaf? /	yes / no			
VOCs	. ,		Preservative			Comment	<ul> <li>description of the property of the second of</li></ul>	
ron	8260 6010	3x40ml VOAs	HCi \				······································	
Cations (Ca, Na, K,	0010	500ml plastic	HNO <sub>3</sub>					
Mg)	6010	500ml plastic	HNO <sub>3</sub>					
Chloride	300	500ml plastic	None		<del>~</del>			
Alkalinity	310	500ml plastic	None			-		
			ÇĆ	MMENTS				
	<del></del>							
			·					
						<del></del>		

#### Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID Mu - 368

Sampler(s) Joy	IN Ta	elley & he	ri Bed	holotte		Date:	4-23-12
Well Condition: Q	ood.,	read pai	. Ln.	1120		Weather:	65°F Sunny
				AL INFORMATI	ION		
		tic (Waterra for VOC		Water Column		55	
	<del></del>	<u>3</u>		Well Diameter:		* <del>\</del>	
Debtu to Water: 7	<u>9 Jo8</u>	) }		Purge Volume:		<del></del>	
Depth to Product: \	AR_						<del></del>
		LOW FLO	W MEASUREM	MENTS AND FI	ELD PARAME	TERS	
Start Purge Time:	1435	<u> </u>	· · · · · · · · · · · · · · · · · · ·	Total Volume P		5	
Volume Purged	Time	Conductivity	pН	Temp. ORP DO Appearance			
(Galions)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	
0.5	1440	5.147	6.48	17.52	339.8	0.97	Claude
1.0	1445	5.116	6.53	17.01	366.8	0.69	
1.5	1450	5.105	6.59	16.98	387.9	0.60	clear
		<del></del>	<u> </u>				
	<b></b> _	<del> </del>	<del> </del>	<u></u>			
		<u> </u>	ļ				
	<del>                                     </del>	<b></b>	<u> </u>	<u> </u>			
	<del>  </del>	<del></del>	ļ	<u> </u>			
		<del></del>	<u> </u>	<u> </u>	<u> </u>		
						'	
	121	SAMPTE C	OTTE CHION!	and aneytic	AL INFORMAT	rion	
Sample Collection Ti		5D		Laboratory:		Ameri	Ca
Shipped by:		Extended the second second second second	Cir. 140 Production and State Company of the Compan		yes / no		
Analysis	7					Comment	<b>15</b> (4) (2) (3)
VOCs	8260	3x40ml VOAs	HCI (	<del></del>			
Iron Cations (Ca, Na, K,	6010	500ml plastic	HNO <sub>3</sub>	<del></del>			
Mg)	6010	500ml plastic	HNO <sub>3</sub>	ĺ			
Chloride	300	500mł plastic	None	<u> </u>			
Alkalinity	310	500ml plastic	None				
10.000			Ci	OMMENTS.			
					······································		
					<del></del>	<del></del>	
		<u> </u>				····	<del></del>

#### Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID <u>MW-378</u>

Camplanta Taik	~ ~~	- 11	· 42 ·	. h 1 11	<del></del>	T .	
Sampler(s)	1N 18	elley & he	un peut	helette		Date:	4-23-12
Well Condition: 90	1001 - N	elevarbara	k			Weather:	65°F Sunny
				AL INFORMATI	ION	<u> </u>	
400	d Peristal	ltic (Waterra for VOC		Water Column		<u> </u>	
Total Depth:	<u>3,47</u>	<u> </u>		Well Diameter:		·	-
Depth to Water:	19,90	7		Purge Volume:		***	
Depth to Product: \	AL						
		LOW FLO	W MEASUREN	MENTS AND FIR	ELD PARAME	TERS	
Start Purge Time:	1305	5	·	Total Volume P			
Volume Purged	Time	Conductivity	pН	Temp.	ORP	DO	Арреагансе
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	Appearance
6,5	1310	5.207	6.71	16.76	<del></del>	091	Clarida lorana
1.0	1315	5. 215	6.71	16.70	308.7	0.87	Cloud
1.5	1330	5, 333	6.71	16.69	2233	0.76	
					<u> </u>	06 10	Carrie
	\\					<del>                                     </del>	<del>                                     </del>
			<del>                                      </del>	<del> </del>	<del> </del>	<del></del>	
					<del></del>	<del> </del>	
				<del> </del>	<del>'</del>	<del></del>	
		<u> </u>				<del> </del>	
			<del>                                     </del>	<del></del>	<del></del>	<del>                                     </del>	
		SANTAGOR	OBSECTIONS	AND AND WITE	OF THE PROPERTY OF	- Variable (	
Sample Collection Ti	ime: 1	320		Laboratory:			
Shipped by:	TIKE				yes)/ no	Ameri	<u>Ca</u>
Analysis			COLD STREET, COLD COLD COLD COLD COLD COLD COLD COLD		יוו יונאני		
VOCs	8260	3x40ml VOAs	HCI U		AT STATE OF THE STATE OF	Comment	
Iron	6010	500ml plastic	HNO <sub>3</sub>	<del></del>			
Cations (Ca, Na, K,						<del></del>	
Mg)	6010	500ml plastic	HNO <sub>3</sub>				- — — <u>— , — , — , — , — , — , , — , , — ,</u>
Chloride	300	500ml plastic	None	<del></del>			
Alkalinity	310	500ml plastic	None		- Line of the second		
			CF	OMMENTS :			
<del>                                     </del>					···		
-							
· ·	<del></del>						
1							-

#### Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID Adams-A

- 1 - 1		40 131					
Sampler(s)	JN -16	elley & he	ri Ber	thelette		Date:	1-23-12
Well Condition:	9000	elley & ho		Weather:	60°F Surmy		
			GENER	AL INFORMAT	TON	1 /2/7	ar wina
Purge Pump Metho		ltic (Waterra for VOC	's)	Water Column		Marie Carlo State of	The second secon
Total Depth: 🕣		NO.	<del></del>	Well Diameter			
Depth to Water: \	0.7	5	<u>,                                     </u>	Purge Volume:			
Depth to Product:	AV			1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			
		LOW FLO	W MEASURE	MENTS AND FI	EI D PARAME	TEDQ	
Start Purge Time:	1115	)		Total Volume 1		I ERS	<u> </u>
Volume Purged	Time	Conductivity	рH	Temp.	ORP	7	T
(Gallons)	(min)	(mS)	(SU)	(Celcius)		DO	Appearance
MR251.0	1125	2,469	6.86	14,89	(mV) 4067	(mg/L)	
	1		4 00	11101	706.1	1.68	Clar
				<del> </del>	<del> </del>	<del></del>	
	1		+	<del></del>	· · · · · ·	<u> </u>	
	1 -		<del> </del>	+	<del> </del>		
· · · · · · · · · · · · · · · · · · ·	1		<del> </del>	<del> </del>	<del> </del>	<del></del>	
	<del>                                     </del>		<u> </u>	<del> </del>	<del> </del>	<b> </b> -	
	<del>                                     </del>		<u> </u>	<del> </del>		<b></b>	
····	1	<del></del>	<del></del>			<b> </b>	
	+	<del></del>	<del> </del>	<del> </del> '	<b> </b>	<b></b>	
	1						
Sample Collection Ti		SAMPLES	ODDER SHOW	AND AND YOUR			
Shipped by:		185		Laboratory:	Jest 1	America	Ca
ACTION AND COMPANIES STREET, S	ILAB			COC Seal?	yes / no		
		Gontaffter(s)+ 28	Preservative	7,		Comment	B. C. C. C. C. C. C. C. C. C. C. C. C. C.
VOCs	8260	3x40ml VOAs	HCI V				
Iron Cations (Ca, Na, K,	6010	500ml plastic	HNO <sub>3</sub>				
Mg)	6010	500ml plastic	HNO <sub>3</sub>				
Chloride	300	500ml plastic	None	<u> </u>		<del></del>	
Alkalinity	310	500ml plastic	None	<del> </del>			<del>-</del>
				A. Francisco			
	A STATE OF THE PARTY OF THE PAR			OMMENTS			
	<del></del>	<del></del>		<del></del>			
	<del></del>	<del></del>		<del></del>		-	
<del></del>	<del>"</del>	<del></del>					<del>-</del> ,

Adams-BF (Between filter) @ 11\$5 Adams-AF (After filter) @ 1135

# Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID MAN 308

Complered Took	· - To	01 2 10	1 12 1	h i i		<del></del>	
Sampler(s) 2011	<u> </u>	they a no	tu bect	helette	<del></del>		1-23-12
Well Condition: Oo	OB 11/	elley & ho	t & Men	sking		Weather:	: 60°F Sunny
			GENER/	AL INFORMATI	TON	1200	3ht wind u
Purge Pump Method	l Peristal	tie (Waterra for VOC:		Water Column			
	2.65	TO THE STATE OF THE	3)		- A)		
	4.61			Well Diameter:		<del></del>	
Depth to Product:	JA		<del></del>	Purge Volume:	0,4	<del></del>	
	<u> </u>	LOW FLO	AN MEASURE	MENTS AND FII			
Start Purge Time: 1	103F	7	WILMOUND			<u>rers</u>	
Volume Purged	Time	Conductivity	pH		Purged: Q	T	т
(Gallons)	(min)	(mS)	·   •	Temp.	ORP	DO	Appearance
0.3	1038	(ms)	(SU)	(Celcius)	(mV)	(mg/L)	
0.6	1041	1.144	99	16.85	221-7	3.18	
0.9	1044	1,164	6.99	16.82	282.6	1.90	cloudly 1
	<del>                                      </del>	1,107	4.17	16.80	311.9	1.86	Claridy
<u> </u>	<del></del>	i	<del></del>	<del></del>	<del> </del> '	<u> </u>	<u> </u>
	<del></del>	i —	<del></del> '	<del>                                     </del>	<u> </u>	<u> </u>	<u> </u>
	<del> </del>		<del></del>	<del></del> '	<b></b> '	<del>                                     </del>	
	<del></del>		<del></del>	<u> </u>	<del>  '</del> !	<b></b> '	
	<del></del>		<del> </del>	<u> </u>	<u> '</u>	<del> '</del>	
<u> </u>	<del></del>		<b></b> '	<del>                                     </del>	<u>                                     </u>	<b></b> ′	
0 11 d - 7	<u> </u>	SAMPLECC					
Sample Collection Tin		<u> </u>		Laboratory:	Isect 1	Ameri	Ca
The state of the s	<u> 146 </u>				yes / no		
Anatysis			Preservative	4		Comment	
VOCs	8260	3x40ml VOAs	HCl V				
Iron Cations (Ca, Na, K,	6010	500ml plastic	HNO <sub>3</sub>	<del> </del>			
Mg)	6010	500mi plastic	HNO <sub>3</sub>	ĺ	+ *		
Chloride	300	500ml plastic	None	<u> </u>			<del></del>
Alkalinity	310	500ml plastic	None	( ·		<del></del>	
				DMMENTS			
	All and a second second	A STATE OF THE STA		WHITE AND ASSESSED.			
		*	<del></del>				<del></del>
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# Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID 100 - 30A

Sampler(s) Joh	IN Ta	ellen & ho	ri Berl	tholette		Date:	4-23-12
Well Condition: W	ando c	elley & he	prinamo	aking.		Weather:	FLO JONE
	-	- C-10 C-		39,419		sligh	56°F Sunny + wind.
	N			AL INFORMAT	TON		
		ltic (Waterra for VOC	(s)	Water Column		٩	
Total Depth: 3	$\sim \sim$			Well Diameter	r: ට\'		
	4.36	<u>;                                    </u>	· · · · · · · · · · · · · · · · · · ·	Purge Volume:			
Depth to Product: \	AR						
		LOW FLO	W MEASURE	MENTS AND FI	ELD PARAMI	ETERS	
Start Purge Time:	1000	)		Total Volume l			
Volume Purged	Time	Conductivity	рН	Temp.	ORP	DO	Appearance
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	
0.3	1003	2.487	6.73	17.16	88,6	1.50	claudy
0,6	1006	2.560	6.73	17-11	88,9	1.07	Clarelles
0,9	1009	2,606	675	17.14	69.1	0.95	Clarada
	<u>                                     </u>	<u> </u>					7
		<u> </u>					
	<u> </u>	<u> </u>					
	<u> </u> i	<b></b>			,		
		<u> </u>					
	<u> </u>	<u> </u>					
		SAMPLE (C	OLL ECTION.	AND ANEYTIC	ALINFORMA	errion.	
Sample Collection Ti		1010		Laboratory:	Test	Ameri	Ca
Shipped by:	IWB_			COC Seal?	yes / no	<del></del>	
	Method	Container(s)=13	Preservative			Comment	it.
VOCs	8260	3x40ml VOAs	HCi 🔪	/		and a management of the same o	
Iron	6010	500ml plastic	HNO <sub>3</sub>				
Cations (Ca, Na, K, Mg)	6010	500mi plastic	INO				
Chloride	300	500ml plastic	HNO <sub>3</sub>				
Alkalinity	310	500mi plastic	None		<del></del>		
,	310	Stourt prastic	None				
				OMMENTS.			
		<del></del>			<del></del>		
		<u> </u>					
	<del></del>	· · · · · · · · · · · · · · · · · · ·	<del></del>				<del>-</del>

#### Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID <u>Mw - 34</u> 月

		- 1				<del>~~~</del>	<del></del>
Sampler(s)	STnL	elley & herri needs paint	. Berthel	rette_		Date: 4	1-22-12
Well Condition: 역	jood. V	reldopaint					60°F Sunny
`	<del>,</del>	-				wing	dy 20 mgh
	·	· · · · · · · · · · · · · · · · · · ·		AL INFORMATI			J
		ltic (Waterra for VOCs	<u>s)</u>	Water Column		<u>Л</u>	
	9.69			Well Diameter:		<del> </del>	
Depth to Water:	13.3	<u>,2</u>		Purge Volume:	<u>: 0,9</u>		
Depth to Product:	NA					<u> </u>	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	• 42 €		W MEASUREM	MENTS AND FIL			
Start Purge Time:	<u> 1335</u>	<del></del>		Total Volume P	Purged: 🙆 .	<u>,9                                    </u>	<u> </u>
Volume Purged	Time	Conductivity	pН	Temp.	ORP	DO	Appearance
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	·
0.3	1338	2.467	6.87	15.61	193.7	0.84	Orange
0.6	1341	3.489	6.80	1,5,57	197.9	0.83	clear
0,9	1344	2,494	6.78	15.60	244.9	0.82	clean
	/	<del></del>				<u> </u> '	'
	<u> </u>	1		<u>_</u>			
	<u> </u>			<u> </u>		'	
	<b></b>	1		<u> </u> '		<u> </u>	
		<u> </u>		<u> </u>			
<u> </u>		<del></del>	<u> </u>	'	<u> </u>		
				AND ANLYTICA			
Sample Collection Ti		545		Laboratory:	Test Am	rexico	\
Shipped by:	<u>L</u> / N			COC Seal? (	(yes)/ no		
Analysis	Method		Preservative	<b>/</b>		Comment	ís · · · · · · · · · · · · · · · · · · ·
VOCs	8260	3x40ml VOAs	HC1 V	<del></del>			
Iron Cations (Ca, Na, K,	6010	500ml plastic	HNO <sub>3</sub>	<del> </del>			
Mg)	6010	500ml plastic	HNO <sub>3</sub>				
Chloride	300	500ml plastic	None				
Alkalinity	310	500ml plastic	None				
			C)	OMMENTS			

## 

Sampler(s)	in Ta	elley & herri	Berthel	elle		Date: 4-22-12		
Well Condition: 9	and . rv	elds pain	<del>\</del>				65°F Sunny	
							ndy = 20mm	
			GENERA	AL INFORMAT			J	
	_	ltic (Waterra for VOCs	<u>s)</u>	Water Column		5		
Total Depth:	<u> عي ا :</u>	2		Well Diameter	: a"			
Depth to Water:	77.7	1		Purge Volume:	<u>: 0,9                                    </u>			
Depth to Product:	<u>NA</u>			<u> </u>				
			W MEASUREN	MENTS AND FI		TERS		
Start Purge Time:	1415	1	<del></del>	Total Volume I	Purged: O,	7	T	
Volume Purged	Time	Conductivity	рН	Temp.	ORP	DO	Арреагансе	
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)		
0.3	1418	9.088	6.85	16.08	1710	7.81	Cloudy	
0,6	11431	2.087	6.84	16.15	276.9	7-31	clevida	
0.7	11494	2-086	6.84	16.17	280.7	6.84	clean)	
	<u> </u>					<b></b> J		
	<b> </b>	-	· · · · · · · · · · · · · · · · · · ·	<u> </u>	<del> </del>			
	<u> </u>	-	<del> </del> '			<u> </u>		
!		<b> </b>			<u> </u>	<b></b>		
	ļ	<u> </u>	<u> </u>	<del> </del>	<b></b>	<u> </u>		
	<b> </b>		<del> </del> '	ļ	<del>                                     </del>			
	111	SAMPLE CO			_ ` ^			
Sample Collection Ti	me: 17	185		Laboratory:	Test Him	MXICO	<b>\</b>	
Shipped by:	+D	<b>)</b>		Professional Control of the Control	(yes)/ no			
Analysis	Method	Container(s)	Preservative	1		Comment	is .	
VOCs	8260	3x40ml VOAs	HCI	<del></del>				
Iron Cations (Ca, Na, K,	6010	500ml plastic	HNO <sub>3</sub>					
Mg)	6010	500ml plastic	HNO <sub>3</sub>	<u> </u>		•••		
Chloride	300	500ml plastic	None					
Alkalinity	310	500ml plastic	None					
			CC	OMMENTS				
					,			
							,	

# Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID Mu - 3 28

Sampler(s) JOY	m Ta	elley & herà Leals pain		Date: 4	1-22-12		
Well Condition: G	ood-v	redo pain	£			Weather:	64°F Sunny
-						<u>u</u>	2) rdy = 20 mor
				AL INFORMATI			•
	l Peristal	ltic (Waterra for VOCs	<u>s)</u>	Water Column	<u> </u>	1064	
Total Depth:	29.	70		Well Diameter:	<u>: u                                   </u>		
Depth to Water:	<u>5.0</u>	36		Purge Volume:	0.9		
Depth to Product:	<u>NA</u>						
	* * * * * * * * * * * * * * * * * * * *		W MEASUREN	MENTS AND FIL			
Start Purge Time:	1449	2		Total Volume P	lurged: G	9	. 19-
Volume Purged	Time	Conductivity	pН	Temp.	ORP	DO	Appearance
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	
0.3	1448	2, 350	6.89	16.28	308.2	0.73	clear
0.6	1451	2.827	6.89	16.22	394.5	1-12	Clear
0.4	1755	2.225	6.87	16.25	333.8	1,07	Clean
							,
	<u> </u>						
	<u> </u>				-		
	<u> </u>	<u> </u>	<u>_</u>	<u> </u>			
	<u>  </u>	<del> </del>	ļ				
		<del> </del>		<u> </u>			
	- Pronchagement						
	<u>akan</u>			AND ANLYTICA			
Sample Collection Ti		455		Laboratory:		nerico	λ
Shipped by: 37	1hB			The second contract of the second	(yes)/ no		
Analysis	Method	Container(s)	Preservative	/		Commen	AS or compress the Compress of
VOCs	8260	3x40ml VOAs	HCl V	<u>/</u>			
Iron Cations (Ca, Na, K,	6010	500ml plastic	HNO <sub>3</sub>				
Mg)	6010	500ml plastic	HNO <sub>3</sub>				
Chloride	300	500ml plastic	None				
Alkalinity	310	500ml plastic	None				
			Cr	OMMENTS			
			ALL DESCRIPTION OF THE PARTY OF	\$220	**************************************	William Control	Vast 1944 Spinster of Contract various States of Contract various selections of Contract vari
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
							Maria .

## Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID Mu- 29B

Sampler(s)	Ta	lle & ho	mi Be	thelett	9	Date: 4	- 28-12
Well Condition:	od.n	lleng he sedopain	t a ext	eliarm	arking.	Weather: (	indu = 20mm
			GENERA	L INFORMATI	ON		3
Purge Pump Method	Peristalt	ic (Waterra for VOCs	)	Water Column:		9	
	\$.31			Well Diameter:	ବ୍ୟ		
Depth to Water:	3,66	\		Purge Volume:	1,5		- Free Control of the
Depth to Product:	JA						
		LOW FLOY	V MEASUREM	IENTS AND FIE	LD PARAMET	TERS	
Start Purge Time:	72	<u> </u>		Total Volume P	urged:	5	
Volume Purged	Time	Conductivity	pH	Temp.	ORP	ро	Арреагапсе
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	
0.5	1535	2.211	6.89	15.16	-36.5	0,40	orange cloudy
1.0	1540	a.207	6.91	15.22	-40.0	0.35	clear 0
1.5	1545	2,206	6.91	15.33	-43.0	0.34	clear
			OLLECTION /	AND ANLYTIC	AL INFORMA	HON	
Sample Collection Ti		1545		Laboratory:	Jest-	Aver	ica
Shipped by: TT	IKB			COC Seal? (	yes / no		
Analysis	Method	Container(s)	Preservative	/		Commen	is -
VOCs	8260	3x40ml VOAs	HCl 🦴	<b>/</b>			
Iron	6010	500ml plastic	HNO <sub>3</sub>				
Cations (Ca, Na, K, Mg)	6010	500ml plastic	HNO <sub>3</sub>			•	
Chloride	300	500ml plastic	None				
Alkalinity	310	500ml plastic	None		10		
			e	OMMENTS			

#### Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID <u>MW-2</u>9A

Sampler(s) John	Tal	ley & he	m Be	Thelet	<b></b>	Date: 4	- 99-13
Well Condition: 30	od.n	eeds pain	t a exte	vior ma	rking.	Weather: りい	
			GENERA	L INFORMATI	ON		J
Purge Pump Method	Peristalt	ic (Waterra for VOCs	)	Water Column:	14.41		
	,09			Well Diameter:	2		
Depth to Water: 4	.68			Purge Volume:	1,5		
Depth to Product:	AU				•		
		LOW FLOV	V MEASUREM	ENTS AND FIR	LD PARAMET	TERS	
Start Purge Time:	16	<u>00</u>		Total Volume P	urged: \	5	
Volume Purged	Time	Conductivity	pН	Тетр.	ORP	DO	Appearance
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	
@ <b>. 5</b>	1605	2,090	6,90	14.44	75.9	1.32	cloudy brown
1.00KB	1610	2.1 <i>0</i> 8	6.89	14.42	126.9	18.0	cloudy
1.5	1615	3.110	6.89	14.42	148,4	0.67	cloudly
							J
4,							
		· · · · · · · · · · · · · · · · · · ·	,				
	E Water to the const					Salva Que su estra se esta se	
			OLLECTION :	AND ANLYTIC	AL INFORMA	HON	
Sample Collection Ti	me:	1615		Laboratory:	jest t	Iner	ica
Shipped by:	<u> </u>	<u> </u>	•	COC Seal?	yes / no		
Analysis	Method	Container(s)	Preservative	/		Commen	rs
VOCs	8260	3x40ml VOAs	HCI V	/			
Iron Cations (Ca, Na, K,	6010	500ml plastic	HNO <sub>3</sub>				
Mg)	6010	500ml plastic	HNO <sub>3</sub>				
Chloride	300	500ml plastic	None				
Alkalinity	310	500ml plastic	None				
			C	OMMENTS			
		<u>.                                    </u>					
1							

#### Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID <u>ハルー 3</u>家島

Sampler(s)	in Ta	Date:	1-22-12				
Well Condition: 🔨	eldo	ulley & herri polint & e	xteriar r	nankina			60°F Sunny
<u> </u>		6	•	. 20 11-11-02	•	Wind	du = 25 moh
			GENERA	L INFORMAT			0 '
		tic (Waterra for VOC	s)	Water Column	: 19.3	5	
	5.96	<del></del>		Well Diameter	: 3''		
	6.61	<u> </u>		Purge Volume	1.5		
Depth to Product:	<u>NA</u>			<u> </u>			
	· · ·		W MEASUREM	IENTS AND FI	ELD PARAME	rers	
Start Purge Time:	105	Δ	<del></del>	Total Volume	Purged: \	5	
Volume Purged	Time	Conductivity	pН	Temp.	ORP	DO	Appearance
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	
0.5	1055	0.797	6.84	15.32	-55.2	0.64	orange
1.0	1100	0.793	6.90	15.38	-55.3	0.57	cloudy
1.5	1105	0.801	6.94	15,38	-55.6	6.52	cloudly
	<b>.</b>					<u> </u>	0
			ļ				
			OLLECTION A				
Sample Collection Ti		05		Laboratory:		Nexico	
Shipped by: J T	IKB			COC Seal?	(yes)/ no		
	Method	Container(s)	Preservative	7		Commen	<b>(5</b>
VOCs	8260	3x40ml VOAs	HCI				
Iron Cations (Ca, Na, K,	6010	500ml plastic	HNO <sub>3</sub>				
Mg)	6010	500ml plastic	HNO <sub>3</sub>				•
Chloride	300	500ml plastic	None				
Alkalinity	310	500ml plastic	None				
			CC	MMENTS			
	<u></u>				,		
	·						***
				· · ·			

#### Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID MW-38A

		•				<del></del>								
Sampler(s)	m Ta	illey # Werr	. Berthel	<i>selle</i>	<u></u>	Date: <	Date: 4-22-12							
Well Condition: 9	00d.n	elley & herri reeds paint	* exte	va ma	iking		60°F Sunny ndy=25 mph							
			GENER/	AL INFORMAT	ION	<del></del>	3							
Purge Pump Methor	d Peristal	ltic (Waterra for VOC	<del></del>	Water Column		$\overline{z}$								
Total Depth:	\	· · · · · · · · · · · · · · · · · · ·		Well Diameter										
Depth to Water:	16.74	L.		Purge Volume:										
Depth to Product:	NA				<del>,</del>									
		LOW FLO	W MEASURE	MENTS AND FI	ELD PARAME	TERS	· · · · · · · · · · · · · · · · · · ·							
Start Purge Time: `	1115			Total Volume l	Purged: 💍	.9								
Volume Purged	Time	Conductivity	pН	Temp.	ORP	DO	Appearance							
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)								
<b>V</b> <sub>0</sub> 3	811/	2,149	6.66	14.63	34.4	0.88	clear							
0.6	1191	2.156	6.66	14.61	47.6	0.64	o Clar							
0.9	1124	2.155	6.67	14.66	25,0	6.59	Clear )							
	$oxed{oxed}$	<u> </u>												
	<u> </u>	<b>I</b>												
			OLLECTION	AND ANEXTIC	AL INFORMAT	TION"								
Sample Collection Ti		124		Laboratory:	Test An	nerica								
Shipped by: 37	IKB	\$50 to the Green Artists remains a proper and a constitution of		AND AND ADDRESS OF THE PARTY OF	(yes)/ no									
Analysis	Method	Container(s)	Preservative			Comment	fs (1)							
VOCs	8260	3x40ml VOAs	HCi 🔨	<u></u>										
Iron	6010	500ml plastic	HNO <sub>3</sub>	<u> </u>										
Cations (Ca, Na, K, Mg)	6010	500ml plastic	HNO <sub>3</sub>											
Chloride	300	500ml plastic	None											
Alkalinity	310	500ml plastic	None	<u> </u>										
Allaman		Soom plant		OMMENTS										
	<u>*************************************</u>		***	Oliver Section 1										
							· · · · · · · · · · · · · · · · · · ·							
• • •														

#### Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID <u>Mw-3/A</u>

Sumpler(s) A	T ~	1100. # 160m2	Roubal	ماام		Data: (/	-22-12
Well Condition: O	and, v	ulley & herri	L & ex	enia- n	100: A 10:00	Weather:	60°F Sunny
ð	)	- COO   D. C.	o. 4 o.,		recording	F W	indly = asmoh
			GENER/	AL INFORMATI	ION		<u> </u>
Purge Pump Metho	d Perista	ltic (Waterra for VOC	s)	Water Column	: 13.2	1	INDIA TOTAL A VINCENTIA SERVICE
Total Depth:	9. 23	<b>5</b>		Well Diameter:	: à''		
Depth to Water:	6.03			Purge Volume:	0.9		
Depth to Product:	<u>na</u>			<u></u>			
		<del></del>	W MEASUREN	MENTS AND FU	ELD PARAME	TERS	
Start Purge Time:	114	5		Total Volume I	Purged: O	<u>. 9</u>	III.
Volume Purged	Time	Conductivity	pН	Temp.	ORP	DO	Appearance
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	
0.3	1148	1.718	7.80	13,36	26.6	1.00	Cloudy
0.6	1151	1.694	6,96	13.16	32.2	0.68	cloudy,
0.9	1154	1.675	6.96	13.11	48.0	0.44	Cloudy/clear
							0'
	ļ			ļ <del>.</del>			
	<del> </del>						
	<u> </u>						
	<u> </u>						
	<b> </b>					<u> </u>	
	<u> </u>						
			Obbeguions	AND ANEYTIC			
Sample Collection Ti		57	<del></del>	Laboratory: COC Seal?	yes)/ no	MUCICO	<b>\</b>
Analysis	Method	Container(s)	Preservative	COC Seal?	yesoj/ no		
/OCs	8260	3x40ml VOAs	HCI V			Comment	
ron	6010	500ml plastic	HNO <sub>3</sub>				
Cations (Ca, Na, K,	1	Double places	22.103				
1g)	6010	500ml plastic	HNO <sub>3</sub>				
hloride	300	500ml plastic	None				
Alkalinity	310	500ml plastic	None				
			C	OMMENTS			
				<del> </del>	· · · · · · · · · · · · · · · · · · ·		····
					<del></del>	· · · · · · · · · · · · · · · · · · ·	

#### Clean Harbors Coffeyville, LLC Facility Groundwater Sampling Form WELL ID 100-358

Sampler(s)	in Ta	aller & herri	Berthel	elle		Date: 4	/-aa-1a
Well Condition: \( \)	eeds 1	elley & herri patht & prop envise	per exte	ria ma	wang.	Weather:	60°F Sunny Vy ~ 25mph
good	cothe	nuise				Wir	de = 25 mol
¥ i			GENER/	AL INFORMATI	ION		J
		tic (Waterra for VOCs	s)	Water Column:		01	
	<u>32.8</u>	<del> </del>	<del> </del>	Well Diameter:			
····	8.88			Purge Volume:	0.9		
Depth to Product:	NA_						
	~~~	LOW FLOV	W MEASUREN	MENTS AND FIE			<u>' </u>
Start Purge Time:	1834	T	- <del></del>	Total Volume P	Purged: 💍 .	<u>.9</u>	
Volume Purged	Time	Conductivity	pН	Temp.	ORP	DO	Appearance
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	Α
0.3	1933	2.073	6.94	15.82	79,2	0.51	Clean
0.6	1237	2.074	6.92	15.34	93.7	0.44	Clean
0,9	1240	2.07.2	6.89	15.54	104.7	0.42	Clear
		<b></b>					
		<u> </u>		<u> </u>	<u> </u>		
	<u> </u>	<u> </u>	<u> </u>	<u> </u>			
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		
	<u> </u>	<u> </u>			<u> </u>		
		<b>(</b>	<u> </u>				
			OLLECTION.	AND ANLYTICA			
Sample Collection Ti		940		Laboratory:		merico	`\
Shipped by:	-/KB				yes / no		
Analysis	Method	Container(s)	Preservative	,		Commen	ts ·
VOCs	8260	3x40ml VOAs	HCI V	<u>/</u>			
Iron	6010	500ml plastic	HNO <sub>3</sub>	<u> </u>		·	
Cations (Ca, Na, K, Mg)	6010	500ml plastic	HNO <sub>3</sub>				
Chloride	300	500ml plastic	None				
Alkalinity	310	500ml plastic	None				
Alranacy	<u> </u>	Joons Pingers	Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Contro	OMMENTS			
				All Market States		•	
	-						

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Sampler(s) Joh	n Ta	Mey & herri	Berthel	elle		Date: ८	4-22-12
Well Condition: A	each v	ulley & herri Needlo pain	of 9 ext	eria Me	erkings	Weather: いい	
			GENER/	AL INFORMAT			
		ltic (Waterra for VOCs	.s)	Water Column		16	
	8,96			Well Diameter			, , ,
	5,50	<u> </u>		Purge Volume:	<u>: 0,9</u>		
Depth to Product:	NA						
		LOW FLO	W MEASUREN	MENTS AND FU			
Start Purge Time:	1200			Total Volume I	Purged: 3	9	
Volume Purged	Time	Conductivity	рН	Temp.	ORP	DO	Appearance
(Gallons)	(min)	(mS)	(SU)	(Celcius)	(mV)	(mg/L)	
0,3	1203	1.863	6.95	13.93	83.0	1.48	Clean
0.6	1206	1.863	6.96	13,99	84.8	1.21	clean
6.9	1209	1.864	6.96	14.01	83.0	1,19	Cla
·····		1		ļ .			· .
		<b></b>				<u> </u> '	
	igsquare	<del> </del>				<u> </u> '	
		<b></b>					
		<del>                                     </del>				<u> </u>	
		<b></b>					
			OLLECTION	AND ANLYTIC		,	
Sample Collection Ti		.10		Laboratory:		merica	<u>\</u>
Shipped by: TT				DE SERVICIO ESCUESIONES ESCUESIONES DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTR	(yes)/ no		
Analysis	Method	Container(s)	Preservative	,		Comment	(s
VOCs	8260	3x40ml VOAs	HCI \	<u>/</u>			
Iron	6010	500ml plastic	HNO <sub>3</sub>				
Cations (Ca, Na, K, Mg)	6010	500ml plastic	HNO <sub>3</sub>				
Chloride	300	500ml plastic	None		**		, · · · · · · · · · · · · · · · · · · ·
Alkalinity	310	500ml plastic	None	<del> </del>	<del></del>		
, A	A. A. S. S.			OMMENTS			en der stockholden bestellt in der einige Ab
	Dark attraction			Whaters, so			

4955 Yarrow Street

Arvada, CO 80002 Phone (303) 736-0100 Fax (303) 431-7171

#### **Chain of Custody Record**



Carrier Tracking No(s): COC No: Wr. Boy How Jeffe Egry, Joseph J 280-16244-7589.1 Client Information Client Contact: 247-27/06 Page 1 of 14" joseph.egry@testamericainc.com Mr. John Talley **Analysis Requested** Clean Harbors Environmental Services Inc Address: Due Date Requested: Preservation Codes: 42 Longwater Drive A-HCL M - Hexane TAT Requested (days): City: B - NaOH N - None O - AsNaO2 Norwell C - Zn Acetate Thays. P - Na2O4S D - Nitric Acid State, Zip: 8260B - (MOD) Appendix IX Volatiles list - short E - NaHSO4 Q - Na2SO3 MA. 02061 R - Na2S2SO3 F - MeOH Phone: S - H2SO4 G - Amchior Purchase Order Requested H - Ascorbic Acid T - TSP Dodecahydrate U - Acetone L-Ice J - DI Water V - MCAA Talley.Johnd@CleanHarbors.com K - EDTA W - ph 4-5 Project#: Z - other (specify) L - EDA 28002104 Clean Harbors Coffeyville Other: 300.0\_28D - Chloride Matrix Sample 2012 (W=water, Type S=solid, O=waste/oil, (C=comp, Sample Special Instructions/Note: Sample Date Time G=grab) BT=Tissue, A=Air Sample Identification Preservation Code: N I I I I I 1215 Water Water Water Water SII-WIN Water Water Water Water Water MW-348 Water MW-368 Water Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month) Possible Hazard Identification Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological Return To Client Disposal By Lab Archive For Months Deliverable Requested: I. II, III, IV, Other (specify) Special Instructions/QC Requirements: Empty Kit Relinquished by: Aven: det Relinquished by: Received by: Date/Time: 4/25/2012@1530 Date/Time: Received by: Company Reilnquished:by: Company Date/Time: Received by: Relinguished by: Custody Seal No.: 546370 Cooler Temperature(s) °C and Other Remarks: Custody Seals Intact: Δ Yes Δ No

4955 Yarrow Street

Arvada, CO 80002



Phone (303) 736-0100 Fax (303) 431-7171  Client Information	Sampler	N. Berlie Egr	PM: y, Joseph J			Carrier '	Tracking	No(s):		COC No: 280-16244-7589.1				
Client Contact: Mr. John Talley	Phone: 761 - 341 -	E-M		mericaine d	om	7				Page: Page_1_of-14-	2 14	1		
Company:		27 (C. 1). IJusi	pri.egry@iesta							Job#:	<u> </u>			
Clean Harbors Environmental Services Inc Address:	Due Date Requested:			<u>. А</u>	nalysis R	equeste	<b>∌</b> α			Preservation Cod	les:			
42 Longwater Drive										A - HCL	M - Hexane			
City: Norwell	TAT Requested (days):									B - NaOH C - Zn Acetate	N - None O - AsNaO2			
State, Zip:	Thack	>	short							D - Nitric Acid E - NaHSO4	P - Na2O4S Q - Na2SO3			
MA, 02061 Phone:	PO#:		list - si			•				F - MeOH G - Amchlor	R - Na2S2SO3 S - H2SO4			
Email:	Purchase Order Reques	ted	- Ses iii							H - Ascorbic Acid	T - TSP Dodecahy	/drate		
Talley.Johnd@CleanHarbors.com			Nor No						52	J - DI Water K - EDTA	V - MCAA W - ph 4-5			
Project Name: Clean Harbors Coffeyville	Project#: 28002104		Z S X						Containers	L - EDA	Z - other (specify)			
Site:	SSOW#:		ambi	2 5										
	2012	Sample Matrix	Ittered San MS/MS/0 (MOD) App	6010B - Iron 300.0_28D - Chioride	- Alkalinity				Total Number of	and the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of th				
Sample Identification	Sample Date Time	le (C=comp, 0=waste/oil,	908	6010B -	2320B -				Total	Special In	structions/Note	e:		
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MW-31B	14/22 1131	0 Water												
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MW-33B		Water												
MW-34B	9/32/39		4 4	-	<del> </del>									
Possible Hazard Identification	11/00/13		Sample D	isposal ( A	fee may b	assessi	ed if sa	mples	are retain	ed longer than 1	month)			
Non-Hazard Flammable Skin Irritant	Poison B Unknown	Radiological	Retu	ırn To Cliei	nt	] Disposa				nive For	Months			
Deliverable Requested: I, II, III, IV, Other (specify)			Special Ins	tructions/C	C Requirer	nents:								
Empty Kit Relinquished by:	Date:		Time:			М	ethod of	Shipmen	Fed	EX EXAM	e55 N/G	ر د و د سرد		
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Relifiquished by:	7/25/20/2 (@	Company	Receive	d by:				Date/Tir	ne:	<i>b</i> *	Company			
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Custody Seals Intact: Custody Seal No.:	<u> </u>						Cooler Temperature(s) °C and Other Remarks:							

4955 Yarrow Street Arvada, CO 80002 Phone (203) 738-0100 Fax (303) 431-7171 **Chain of Custody Record** 

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THE LEADER IN ENVIRONMENTAL TESTING

Phone (303) 736-0100 Fax (303) 431-7171	Sampler:	11.81	: A.J I	Lab F Egr		nean	h I						Carrier	Tracki	ng No(s)	:		COC No: 280-16244-758	0 1
Client Information Client Contact:					ail:														
Mr. John Talley Company:	Phone: 2	(-) (-	5766	jose	ph.	egry(	@tes	stame	ericai	inc.c	om		<u></u>					Page 1-of-14 Job#:	3 of 4
Clean Harbors Environmental Services Inc										At	nalys	is Rec	quest	ed				, , , , , , , , , , , , , , , , , , ,	
Address: 42 Longwater Drive	Due Date Request	ed:														-		Preservation Co	
City:	TAT Requested (d	ays):	<del> </del>			3												A - HCL B - NaOH	M - Hexane N - None
Norwell State, Zip:	1 -> A A	e					ا ا											C - Zn Acetate D - Nitric Acid	O - AsNaO2 P - Na2O4S
MA, 02061	77 du	~() <b>3</b>					shor											E - NaHSO4 F - MeOH	Q - Na2SO3 R - Na2S2SO3
Phone:	P0 #: Purchase Order	Poguostod		•			list -											G - Amchlor	S - H2SO4
Email:	WO#:	Nequested			12		Volatiles list - short											H - Ascorbic Acid	T - TSP Dodecahydrate U - Acetone
Talley.Johnd@CleanHarbors.com	D-1				es:o	2							1 1				979	J - DI Water K - EDTA	V - MCAA W - ph 4-5
Project Name: Clean Harbors Coffeyville	Project #: 28002104				λje		ndix IX											L-EDA	Z - other (specify)
Site:	SSOW#:				amp		phedo	Mg		plde							io Jo	Other:	
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DE-GA	4/24	1230		Water	į v		X												
PF-98	4/24	0945		Water	Ė	N	X												
PF-13B	1/24	1045		Water		N	X												
6E-14B	4/24	126		Water	-	N	X												
m-3	4/24	1355	-	Water	7.	N.	X												
117-4	4/24	1425	,	Water	3	K)	X												
SP-16	4//23	1525		Water	and the second	400	Χ												
Adams-A	4/33	11.85	V.	Water	N	*	X					i							
Possible Hazard Identification			·	<u> </u>	·	San	npie	Dis	oosa	I(A	fee m	ay be a	ssess	ed if	ample	s are	retain	ned longer than	1 month)
Non-Hazard Flammable Skin Irritant Pois	on B Unkne	own $\Box$ R	Radiological			L			To (				Disposa	al By L	.ab	ــا	Arch	hive For	Months
Deliverable Requested: I, II, III, IV, Other (specify)						Spe	cial	Instru	uctio	ns/Q	C Req	uiremer	nts:					-	
Empty Kit Relinquished by:		Date:			Tit	me:							٨	Method	of Shipm	ient: F	es i	Ex Mess	Overright
Relinquished by:	Date/Time:	DO	11-20	Company	_		Rece	ived b	y:						Date	Time:		- /	Company
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Relinquished by:	Date/Time:			Company			Rece	ived b	y:				<del>-1</del>		Date	/Time:		<del> </del>	Company
Custody Seals Intact: Custody Seal No.: 546 37/	)						Coole	er Tem	nperat	ure(s)	°C and	Other Re	emarks:						

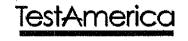
#### ింది. TestAmerica Denver

4955 Yarrow Street

Arvada, CO 80002

Phone (303) 736-0100 Fax (303) 431-7171

#### **Chain of Custody Record**



Carrier Tracking No(s): Egry, Joseph J 280-16244-7589.1 Client Information Client Contact: Page: Mr. John Talley joseph.egry@testamericainc.com Company: Clean Harbors Environmental Services Inc **Analysis Requested** Address: Due Date Requested: Preservation Codes: 42 Longwater Drive M - Hexane City: TAT Requested (days): B - NaOH N - None Norwell C - Zn Acetate O - AsNaO2 State, Zip: D - Nitric Acid P - Na2O4S 7days. E - NaHSO4 Q - Na2SQ3 MA, 02061 R - Na2S2SO3 F - MeOH Phone: S - H2SO4 G - Amchlor Purchase Order Requested H - Ascorbic Acid T - TSP Dodecahydrate U - Acetone f - Ice J - DI Water V - MCAA Talley.Johnd@CleanHarbors.com W - ph 4-5 K - EDTA Project #: L - EDA Z - other (specify) Clean Harbors Coffeyville 28002104 Other: 300.0\_28D - Chloride 6010B - Ca,K,Na,Mg Matrix Sample 6010B - Iron (w=water, Type S=solid, O=waste/oil, Sample (C=comp, Sample Identification Sample Date Time G=grab) | BT=Tissue, A=Air Special Instructions/Note: Preservation.Code Water Water 1/25 Water Dillo Water Water 1:210 OLIC Water Water Water Water Water Water Possible Hazard Identification Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month) Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological Return To Client Disposal By Lab Archive For Months Special Instructions/QC Requirements: Empty Kit Relinquished by: Relinquished by: Gornpany/CF/119 Received by: Relinquished by: Received by: Date/Time: Company Relinquished by: Received by: Date/Time: Custody Seals Intact: Custody Seal No.: 546 376 Cooler Temperature(s) <sup>o</sup>C and Other Remarks:

4955 Yarrow Street Arvada, CO 80002



Phone (303) 736-0100 Fax (303) 431-7171	Sampler:	<del></del>	·	Lab I	DA#							Car	rior Tre	ekina	No(s):			COC No:		
Client Information	Samples.	$I_{\rm MN}$		Egn	y, Josep	oh J							HOL III	icking	140(5).			280-16244-7589.1		
Client Contact: Mr. John Talley	Phone:	147.	3.96.7	E-Ma jose	ail: ph.egry	/@te:	stame	ericair	nc.cc	om								Page: Page 1 of 14 —	10f1:	
Company: Clean Harbors Environmental Services Inc		<u> </u>	<del></del>		Ì	· · · ·					is Re		ctod					Job#:		
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42 Longwater Drive								ŀ										A - HCL	M - Hexane	
City: Norwell	TAT Requested (da																	B - NaOH C - Zn Acetate	N - None O - AsNaO2	
State, Zip: MA, 02061	<u> </u>	4-34	7 •			short												D - Nitric Acid E - NaHSO4 F - MeOH	P - Na2O4S Q - Na2SO3 R - Na2S2SO3	
Phone: 781-247-3966	PO#: Purchase Order	Requested			<u>(</u>	ss list -												G - Amehlor H - Ascorble Acid	S - H2SO4 T - TSP Dodecahydrate	
Email: Talley.Johnd@CleanHarbors.com	WO#:					Vofatiles											6	I - Ice J - DI Water	U - Acetone V - MCAA	
Project Name: Clean Harbors Coffeyville	Project #: 28002104				ğ ş	××		•									containe	K - EDTA L - EDA	W - ph 4-5 Z - other (specify)	
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Deliverable Requested: I, II, III, IV, Other (specify)				-	Sp	ecial	instru	iction	s/QC	C Req	uirem	ents:								
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Custody Seals Intact; Custody Seal No.:	35-1					Cool	er Tem	peratu	ıre(s)	°C and	Other	Remarl	(S:						<u> </u>	

4955 Yarrow Street

Arvada, CO 80002 Phone (303) 736-0100 Fax (303) 431-7171



Client Information	Sampler: Lab PM: Egry, Joseph J									Carrier Tracking No(s):								OC No: 80-16244-7	589.1		•	_
Client Contact:	Phone:	il:	· · · · · · · · · · · · · · · · · · ·										٠	P	age: age-1-of-14	- c	2. C	j	•			
Mr. John Talley Company:	")" ( LOS	juse	ph.egry@testamericainc.com													age - 1 01 14 bb #:		<u> </u>				
Clean Harbors Environmental Services Inc Address:	od:	100 M	201	<del>-</del>		Ar	nalys	sis R	equested						reservation	Codo						
42 Longwater Drive	Due Date Request													**************************************	- HCL		vi - Hexane	e				
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State, Zip: MA, 02061	. 70		short					t					100 miles	<b>麗</b> [	- Nitric Acid - NaHSO4	F	P - Na2O4 Q - Na2SO	S				
Phone: 781-247-3966	PO#: Purchase Order		list-s											100 C	: - MeOH 3 - Amchlor 1 - Ascorbic Ac	5	R - Na2S2S S - H2SO4 T - TSP Do		ate			
Email: Talley.Johnd@CleanHarbors.com	WO#:	•			Or No	Volatiles list -								:			<b>議員</b> 1	- Ice - DI Water	1	U - Acetono V - MCAA	е	
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	2012		Sample Type	Matrix (w⇔water, S=solid,	Brillered Srmil/IS/	B - (MOD)	B - Ca,K,Na,Mg	B - Iron	300.0_28D - Ch	B - Alkalinity							l Numbe					
Sample Identification	Sample Date	Sample Time	(C≃comp, G=grab)	O=waste/oil, BT=Yissue, A=Air)	Field Fill Perform	8260B -	6010B -	6010B -	300.0	2320B							Ö	Specia	al Inst	tructions	s/Note:	
				itlon Code:	$\times \times$	A			N			菱 鬏					$\mathbb{X}$	)		A STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STA		
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Custody Seals Intact: Custody Seal No.: Δ Yes Δ No 5463.51								Cooler Temperature(s) °C and Other Remarks:														

4955 Yarrow Street Arvada, CO 80002

Phone (303) 736-0100 Fax (303) 431-7171



Client Information	Sampler:	M: , Jose	nh J					Carri	er Tracking	No(s):			COC No: 280-16244-7589.1						
Client Contact:	Phone:	E-Ma	il:		etama	ricainc	com							Page: Page 1 of 14	10+2				
Company:							3101110			-:- C	<u> </u>	41				Job #:	ICT X		
Clean Harbors Environmental Services Inc	Due Date Requeste			E I		<del></del>	Anaiy	SIS R	tequested					Preservation Code	95;				
42 Longwater Drive	TAT Requested (da				.									A - HCL B - NaOH	M - Hexane N - None	,			
Norwell State, Zip:	7 da													C - Zn Acetate D - Nitric Acid	O - AsNaO2 P - Na2O4S				
MA, 02061				shor								Į.		E - NaHSO4 F - MeOH	Q - Na2SO3 R - Na2S2SO3				
Phone:	Po#: Purchase Order	6	s list										G - Amchlor	S - H2SO4 T - TSP Dodecahyd	Irate				
Emall: Talley.Johnd@CleanHarbors.com	WO #:	N IO	IX Volatiles									10.	I - Ice J - D! Water	U - Acetone V - MCAA					
Project Name: Clean Harbors Coffeyville	Project #: 28002104	(Yes	×××									ainer	K - EDTA L - EDA	W - ph 4-5 Z - other (specify)					
Site:	SSOW#:	mple	Appendix 1	ا ۾	4	3						lioo j	Other:						
	3012		Sample Type	Matrix (w=water,	Iltered S	- (MOD) Ap	- Ca,K,Na,Mg	- Iron							Vumbero				
Sample Identification	Sample Date	Sample Time	(C=comp,	(W=water, S=solid, O=waste/oli, BT=Tissue, A=Air)	iela) erfor	8260B	6010B	6010B - Iro	2320B			ľ			Total Numi	Snorial Inc	tructions/Note:		
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Tu)-1	4/26	1515	$\bigvee$	Water	11 1	1 7								į					
Possible Hazard Identification Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological								Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)  Return To Client Disposal By Lab Archive For Months											
Company Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of th								Special Instructions/QC Requirements:											
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Relinguished by:	Date/Time:	Company		Rece	teceived by:					Date/Time:					Company	ヿ			
Custody Seals Intact: Custody Seal No.: 546351								Cooler Temperature(s) °C and Other Remarks:											